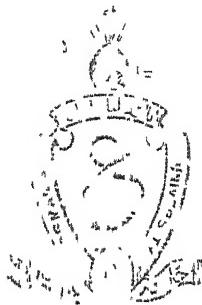


Osmmania University

CALENDAR

1340-1343 FASLI

(Oct. 1930—Oct. 1934)



HYDERABAD DECCAN
GOVERNMENT CENTRAL PRESS
1934

qill

Osmania University

THE CALENDAR FOR 1340—1343 F.

Osmania University

CALENDAR

1340-1343 FASLI

(Oct. 1930—Oct. 1934)

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GOVERNMENT CENTRAL PRESS
1934

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THE CALENDAR FOR 1340 F.—1930–31 A.D.

1

AZUR 1340 F.—OCTOBER 1930 A.D.

Az.	Oct.	Days	
1	6	M	
2	7	Tu	Osmania University Established, 1st Muhamarram 1337 H.. 1328 F. 1918.
3	8	W	Lunar Eclipse.
4	9	Th	
5	10	FRI	
6	11	S	
7	12	Sun	
8	13	M	
9	14	Tu	
10	15	W	
11	16	Th	
12	17	FRI	
13	18	S	
14	19	Sun	
15	20	M	
16	21	Tu	<i>Devali.</i>
17	22	W	
18	23	Th	
19	24	FRI	
20	25	S	
21	26	Sun	
22	27	M	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923.
23	28	Tu	
24	29	W	
25	30	Th	
26	31	FRI	
27	Nov	S	
28	2	Sun	
29	3	M	
30	4	Tu	
•			

DAI 1340 F.—NOVEMBER 1930 A.D.

Dai	Nov.	Days	
1	5	W	
2	6	Tu	
3	7	FRI	
4	8	S	
5	9	Sun	
6	10	M	
7	11	Tu	The Osmania University Regulations received the assent of His Exalted Highness, 26th Safar 1339 H.—1330 F.—1920.
8	12	W	
9	13	Th	
10	14	FRI	<i>Fateha Hazrat Abu Bakar Siddiq.</i>
11	15	S	
12	16	Sun	
13	17	M	
14	18	Tu	
15	19	W	
16	20	Th	
17	21	FRI	
18	22	S	H. E. H. the Nizam's Birthday.
19	23	Sun	
20	24	M	
21	25	Tu	
22	26	W	
23	27	Th	<i>Urus Hazrat Khwaja Muinuddin Chishti.</i>
24	28	FRI	
25	29	S	
26	30	Sun	
27	Dec.	M	
28	2	Tu	
29	3	W	
30	4	Th	

BAHMAN 1340 F.—DECEMBER 1930 A.D.

Bah.	Dec.	Days
1	5	FRI
2	6	S
3	7	Sun
4	8	M
5	9	Tu
6	10	W
7	11	Th
8	12	FRI
9	13	S
10	14	Sun
11	15	M
12	16	Tu
13	17	W
14	18	Th
15	19	FRI
16	20	S
17	21	<i>Independence Day.</i> Sun
18	22	M
19	23	Tu
20	24	W
21	25	Th
22	26	<i>Christmas.</i> FRI
23	27	S
24	28	Sun
25	29	M
26	30	Tu
27	31	W
28	Jan.	Th
29	2	<i>New Year's Day.</i> FRI
30	3	S

ISFANDAR 1340 F.—JANUARY 1931 A.D.

Isf.	Jan.	Days	
1	4	Sun	<i>Shab-i-Barat.</i>
2	5	M	
3	6	Tu	
4	7	W	
5	8	Th	
6	9	FRI	
7	10	S	<i>Urus Baba Sharifuddin Aulia.</i>
8	11	Sun	
9	12	M	
10	13	Tu	
11	14	W	<i>Til Sankarat.</i>
12	15	Th	
13	16	FRI	
14	17	S	
15	18	Sun	
16	19	M	
17	20	Tu	
18	21	W	
19	22	Th	
20	23	FRI	<i>Basant Panchami.</i>
21	24	S	<i>Anniversary of H.H. the late Nizam.</i>
22	25	Sun	
23	26	M	
24	27	Tu	<i>H.E.H. the Nizam ascended the throne, 1329 H.</i>
25	28	W	
26	29	Th	
27	30	FRI	
28	31	S	
29	Feb.	Sun	
30	2	M	

FARWARDI 1340 F.—FEBRUARY 1931 A.D.

Far.	Feb.	Days	
1	3	Tu	
2	4	W	
3	5	Th	
4	6	FRI	
5	7	S	
6	8	Sun	Last day for receiving applications for the Intermediate, B.A., M.A., & M.Sc. Examinations (Private candidates).
7	9	M	<i>Fateha Hazrat Ali.</i>
8	10	Tu	
9	11	W	
10	12	Th	
11	13	FRI	
12	14	S	Last day for receiving applications for the Matriculation Examination (Pupil and Private candidates).
13	15	Sun	<i>Maha Sivratri.</i>
14	16	M	
15	17	Tu	<i>Shab-i-Qadr.</i>
16	18	W	
17	19	Th	
18	20	FRI	<i>Id-ul-Fitr.</i>
19	21	S	
20	22	Sun	
21	23	M	
22	24	Tu	
23	25	W	
24	26	Th	
25	27	FRI	
26	28	S	<i>Census Day.</i>
27	Mar.	Sun	
28	2	M	
29	3	Tu	<i>Holi.</i>
30	4	W	
31	5	Th	

ARDIBEHISHT 1340 F.—MARCH 1931 A.D.

Ard.	Mar	Days	
1	6	FRI	
2	7	S	
3	8	Sun	
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	Last day for receiving applications for the Inter. B.A., M.A., & M.Sc. Exams. (College candidates)
8	13	FRI	
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	
14	19	Th	
15	20	FRI	<i>Ugadi.</i>
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	<i>Sri Ramnaumi.</i>
24	29	Sun	
25	30	M	
26	31	Tu	
27	Apr.	W	
28	2	Th	
29	3	FRI	<i>Lunar Eclipse.</i>
30	4	S	
31	5	Sun	

KHURDAD 1340 F.—APRIL 1931 A.D.

Khd	Apr.	Days	
1	6	M	
2	7	Tu	
3	8	W	
4	9	Th	
5	10	FRI	
6	11	S	
7	12	Sun	
8	13	M	Intermediate, B.A., M.A., & M.Sc. Examinations begin.
9	14	Tu	
10	15	W	
11	16	Th	
12	17	FRI	
13	18	S	
14	19	Sun	
15	20	M	Matriculation Examination begins.
16	21	Tu	
17	22	W	
18	23	Th	
19	24	FRI	
20	25	S	
21	26	Sun	
22	27	M	
23	28	Tu	
24	29	W	
25	30	Th	
26	May 1	FRI	<i>Id-uz-Zuha.</i>
27	2	S	
28	3	Sun	
29	4	M	
30	5	Tu	
31	6	W	

TIR 1340 F.—MAY 1931 A.D.

Tir	May	Days	
1	7	Th	<i>Fateha Hazrat Osman Ghani.</i>
2	8	FRI	
3	9	S	
4	10	Sun	LL. B. Examinations begin.
5	11	M	
6	12	Tu	
7	13	W	
8	14	Th	
9	15	FRI	
10	16	S	
11	17	Sun	
12	18	M	
13	19	Tu	
14	20	W	<i>Fateha Hazrat Omar Faruq.</i>
15	21	Th	
16	22	FRI	
17	23	S	
18	24	Sun	<i>Queen Victoria's Birthday, 1819.</i>
19	25	M	
20	26	Tu	
21	27	W	<i>Muharram.</i>
22	28	Th	
23	29	FRI	
24	30	S	
25	31	Sun	
26	June	M	
27	2	Tu	
28	3	W	<i>H. M. the King Emperor's Birthday, 1865.</i>
29	4	Th	
30	5	FRI	
31	6	S	

AMARDAD 1340 F.—JUNE 1931 A.D.

Amd	June	Days
1	7	Sun
2	8	M
3	9	Tu
4	10	W
5	11	Th
6	12	FRI
7	13	S
8	14	Sun
9	15	M
10	16	Tu
11	17	W
12	18	Th
13	19	FRI
14	20	S
15	21	Sun
16	22	M
17	23	Tu
18	24	W
19	25	Th
20	26	FRI
21	27	S
22	28	Sun
23	29	M
24	30	Tu
25	July	W
26	2	Th
27	3	FRI
28	4	S
29	5	Sun
30	6	M
31	7	Tu

SHAHREWARI 1340 F.—JULY 1931 A.D.

Shr.	July	Days	
1	8	W	
2	9	Th	
3	10	FRI	
4	11	S	
5	12	Sun	
6	13	M	
7	14	Tu	
8	15	W	
9	16	Th	
10	17	FRI	
11	18	S	
12	19	Sun	
13	20	M	
14	21	Tu	
15	22	W	
16	23	Th	
17	24	FRI	
18	25	S	
19	26	Sun	
20	27	M	The Prophet's Birthday.
21	28	Tu	
22	29	W	
23	30	Th	
24	31	FRI	
25	Aug.	S	
26	2	Sun	
27	3	M	
28	4	Tu	
29	5	W	
30	6	Th	University Convocation.
31	7	FRI	

MEHIR 1340 F.—AUGUST 1931 A.D.

Mhr.	Aug.	Days	
1	8	S	
• 2	9	Sun	
3	10	M	
4	11	Tu	
5	12	W	
6	13	Th	
7	14	FRI	
8	15	S	
9	16	Sun	
10	17	M	
11	18	Tu	
12	19	W	
I3	20	Th	
14	21	FRI	Birthday of the H.H. late Nizam, 1283 H.
15	22	S	
16	23	Sun	
17	24	M	
18	25	Tu	
19	26	W	Yazdahum Sharif.
20	27	Th	Rakhi Punnam.
21	28	FRI	Osmania University College opened, 1328 F.—1919.
22	29	S	
23	30	Sun	
24	31	M	
25	Sep.	Tu	
26	2	W	
27	3	Tu	
28	4	FRI	
29	5	S	Janamashtami.
30	6	Sun	

ABAN 1340 F.—SEPTEMBER 1931 A.D.

Abn.	Sep.	Days	
		M	
1	7	Tu	Translation Bureau founded, 18th Ziqada 1335 H., 1326 F.—1917.
2	8	W	
3	9	Th	
4	10	FRI	
5	11	S	
6	12	Sun	
7	13	M	
8	14	Tu	<i>Ganesh Chauth.</i>
9	15	W	
10	16	Th	
11	17	FRI	
12	18	S	
13	19	Sun	
14	20	M	
15	21	Tu	The Royal Charter of the Osmania Uni-
16	22	W	versity Promulgated, 16th Zilhejja 1336 H., 1327 F.—1918.
17	23	Th	
18	24	FRI	
19	25	S	<i>Anantachaturdasi.</i>
20	26	Sun	
21	27	M	<i>Lunar Eclipse</i>
22	28	Tu	
23	29	W	
24	30	Th	
25	Oct.	FRI	
26	2	S	
27	3	Sun	
28	4	M	
29	5	Tu	
30	6		

AZUR 1341 F.—OCTOBER 1931 A.D.

Az.	Oct.	Days	
1	7	W	
2	8	Th	Osmania University Established, 1st Muharram 1337 H., 1328 F.—1918.
3	9	FRI	
4	10	S	
5	11	Sun	
6	12	M	
7	13	Tu	
8	14	W	
9	15	Th	
10	16	FRI	
11	17	S	
12	18	Sun	
13	19	M	<i>Dasehra.</i>
14	20	Tu	
15	21	W	
16	22	Th	
17	23	FRI	
18	24	S	
19	25	Sun	
20	26	M	
21	27	Tu	
22	28	W	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam, 1333 F.—1923.
23	29	Th	
24	30	FRI	
25	31	S	
26	Nov	Sun	
27	2	M	
28	3	Tu	<i>Fateha Hazrat Abu Bakar Siddiq.</i>
29	4	W	
30	5	Th	

DAI 1341 F.—NOVEMBER 1931 A.D.

Dai	Nov.	Days	
1	6	FRI	
2	7	S	
3	8	Sun	
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	H.E.H. the Nizam's Birthday. The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1339 H., 1330 F.—1920.
8	13	FRI	
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	<i>Urus Hazrat Khwaja Muinuddin Chishti.</i>
13	18	W	
14	19	Th	
15	20	FRI	
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	
24	29	Sun	
25	30	M	
26	Dec.	Tu	
27	2	W	
28	3	Th	
29	4	FRI	

Maula Ali Ursus.

BAHMAN 1341 F.—DECEMBER 1931 A.D.

Bah. Dee.		Days
1	5	S
2	6	Sun
3	7	M
4	8	Tu
5	9	W
6	10	Th
7	11	FRI
8	12	S
9	13	Sun
10	14	M
11	15	Tu
12	16	W
13	17	Th
14	18	FRI
15	19	S
16	20	Sun
17	21	M
18	22	Tu
19	23	W
20	24	Th
21	25	FRI
22	26	S
23	27	Sun
24	28	M
25	29	Tu
26	30	W
27	31	Th
28	Jan.	FRI
29	2	S
30	3	Sun

*Shab-i-Miraj.**Independence Day.**Shab-i-Barat*
*Christmas**Urus Hazrat Baba Sharfuddin Aulia.**New Year's Day.*

ISFANDAR 1341 F.—JANUARY 1932 A.D.

Isf.	Jan.	Days	
1	4	M	
2	5	Tu	
3	6	W	
4	7	Th	
5	8	FRI	
6	9	S	
7	10	Sun	
8	11	M	
9	12	Tu	
10	13	W	<i>Anniversary of H.H. the late Nizam.</i>
11	14	Th	Til Sankarat.
12	15	FRI	
13	16	S	<i>H.E.H. the Nizam ascended the throne.</i>
14	17	Sun	
15	18	M	
16	19	Tu	
17	20	W	
18	21	Th	
19	22	FRI	
20	23	S	
21	24	Sun	
22	25	M	
23	26	Tu	
24	27	W	
25	28	Th	Last day for receiving applications for the Matriculation Examination (Pupil and Private candidates) and also for the Inter. B. A. and other Examinations (Private candidates). <i>Fateha Hazrat Ali.</i>
26	29	FRI	
27	30	S	
28	31	Sun	
29	Feb.	M	
30	2	Tu	

FARWARDI 1341 F.—FEBRUARY 1932 A.D.

Far.	Feb.	Days	
1	3	W	
2	4	Th	
3	5	FRI	
4	6	S	<i>Shab-i-Qadr.</i>
5	7	Sun	
6	8	M	
7	9	Tu	
8	10	W	<i>Id-ul-Fitr.</i>
9	11	Th	<i>Basant Panchami.</i>
10	12	FRI	
11	13	S	
12	14	Sun	
13	15	M	
14	16	Tu	
15	17	W	
16	18	Th	
17	19	FRI	
18	20	S	
19	21	Sun	
20	22	M	
21	23	Tu	
22	24	W	
23	25	Th	
24	26	FRI	
25	27	S	Last day for receiving applications etc. for the Intermediate, B.A., M.A., M.Sc., B.E., M.B.B.S. and Diploma-in-Education Examinations (College candidates).
26	28	Sun	
27	29	M	
28	Mar.	Tu	
29	2	W	
30	3	Th	
31	4	FRI	

ARDIBEHISHT 1841 F.—MARCH 1932 A.D.

Ard.	Mar.	Days	
1	5	S	<i>Maha Sivratri.</i>
2	6	Sun	
3	7	M	
4	8	Tu	
5	9	W	
6	10	Th	
7	11	FRI	
8	12	S	
9	13	Sun	
10	14	M	
11	15	Tu	
12	16	W	
13	17	Th	
14	18	FRI	
15	19	S	
16	20	Sun	
17	21	M	<i>Holi.</i>
18	22	Tu	
19	23	W	Lunar Eclipse.
20	24	Th	
21	25	FRI	
22	26	S	
23	27	Sun	
24	28	M	
25	29	Tu	
26	30	W	
27	31	Th	
28	Apr.	FRI	
29	2	S	Matriculation, Intermediate, B.A., M.A., M.Sc., B.E., M.B., B.S. and Diploma-in-Education, Examinations begin.
30	3	Sun	
31	4	M	

KHURDAD 1341 F.—APRIL 1932 A.D.

Khd.	Apr.	Days	
1	5	Tu	
2	6	W	<i>Ugadi.</i>
3	7	Th	
4	8	FRI	
5	9	S	
6	10	Sun	
7	11	M	
8	12	Tu	
9	13	W	
10	14	Th	
11	15	FRI	<i>Sri Ramnaumi.</i>
12	16	S	
13	17	Sun	
14	18	M	<i>Id-ux-Zuha.</i>
15	19	Tu	
16	20	W	
17	21	Th	
18	22	FRI	
19	23	S	
20	24	Sun	
21	25	M	<i>Fateha Hazrat Osman Ghani.</i>
22	26	Tu	
23	27	W	
24	28	Th	
25	29	FRI	
26	30	S	
27	May	Sun	LL.B. Examinations begin.
28	2	M	
29	3	Tu	
30	4	W	
31	5	Th	

TIR 1341 F.—MAY 1932 A.D.

Tir	May	Days	
1	6	FRI	
2	7	S	
3	8	Sun	<i>Fateha Hazrat Omar.</i>
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	
8	13	FRI	<i>Moharram.</i>
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	
14	19	Th	
15	20	FRI	
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	<i>Queen Victoria's Birthday, 1819.</i>
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	
24	29	Sun	
25	30	M	
26	31	Tu	
27	June	W	
28	2	Th	
29	3	FRI	<i>H. M. the King Emperor's Birthday, 1865.</i>
30	4	S	
31	5	Sun	

AMARDAD 1341 F.—JUNE 1982 A.D.

Amd	June	Days
1	6	M
2	7	Tu
3	8	W
4	9	Th
5	10	FRI
6	11	S
7	12	Sun
8	13	M
9	14	Tu
10	15	W
11	16	Th
12	17	FRI
13	18	S
14	19	Sun
15	20	M
16	21	Tu
17	22	W
18	23	Th
19	24	FRI
20	25	S
21	26	Sun
22	27	M
23	28	Tu
24	29	W
25	30	Th
26	July	FRI
27	2	S
28	3	Sun
29	4	M
30	5	Tu
31	6	W

SHAHREWAR 1341 F.—JULY 1932 A.D.

Shr.	July	Days
1	7	Th
2	8	FRI
3	9	S
4	10	Sun
5	11	M
6	12	Tu
7	13	W
8	14	Th
9	15	FRI
10	16	S
11	17	Sun
12	18	M
13	19	Tu
14	20	W
15	21	Th
16	22	FRI
17	23	S
18	24	Sun
19	25	M
20	26	Tu
21	27	W
22	28	Th
23	29	FRI
24	30	S
25	31	Sun
26	Aug.	M
27	2	Tu
28	3	W
29	4	Th
30	5	FRI
31	6	S

} The Prophet's Birthday.

MEHIR 1341 F.—AUGUST 1932 A.D.

Mhr.	Aug.	Days	
1	7	Sun	
2	8	M	
3	9	Tu	<i>Birthday of H.H. the late Nizam.</i>
4	10	W	
5	11	Th	
6	12	FRI	
7	13	S	
8	14	Sun	<i>Yazdahum Sharif.</i>
9	15	M	<i>Rakhi Punnam.</i>
10	16	Tu	
11	17	W	
12	18	Th	
13	19	FRI	
14	20	S	
15	21	Sun	
16	22	M	
17	23	Tu	<i>Janamashtami.</i>
18	24	W	
19	25	Th	
20	26	FRI	
21	27	S	<i>Osmania University College opened,</i>
22	28	Sun	<i>1328 F.—1919.</i>
23	29	M	
24	30	Tu	
25	31	W	
26	Sep.	Th	
27	2	FRI	
28	3	S	
29	4	Sun	<i>Ganesh Chauth.</i>
30	5	M	

ABAN 1341 F.—SEPTEMBER 1932 A.D.

Abn	Sep.	Days	
1	6	Tu	Translation Bureau founded. 18th Ziqada 1335 H., 1326 F.—1917.
2	7	W	
3	8	Th	
4	9	FRI	
5	10	S	
6	11	Sun	
7	12	M	
8	13	Tu	<i>Anantachaturdasi.</i>
9	14	W	
10	15	Th	<i>Lunar Eclipse.</i>
11	16	FRI	
12	17	S	
13	18	Sun	
14	19	M	
15	20	Tu	
16	21	W	The Royal Charter of the Osmania University promulgated. 16th Zilhejja 1336 H., 1327 F.—1918.
17	22	Th	
18	23	FRI	
19	24	S	
20	25	Sun	
21	26	M	
22	27	Tu	
23	28	W	
24	29	Th	
25	30	FRI	
26	Oct.	S	
27	2	Sun	
28	3	M	
29	4	Tu	
30	5	W	

AZUR 1342 F.—OCTOBER 1932 A.D.

Az.	Oct.	Days	
			New Year.
1	6	Th	
2	7	FRI	Osmania University Established, 1st Muharram 1337 H., 1328 F.—1918.
3	8	S	} Dasehra.
4	9	Sun	
5	10	M	
6	11	Tu	
7	12	W	
8	13	Th	
9	14	FRI	
10	15	S	
11	16	Sun	
12	17	M	
13	18	Tu	
14	19	W	
15	20	Th	
16	21	FRI	
17	22	S	
18	23	Sun	<i>Fateha Hazrat Abu Bakar Siddiq.</i>
19	24	M	
20	25	Tu	
21	26	W	
22	27	Th	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923.
23	28	FRI	
24	29	S	} <i>Divali.</i>
25	30	Sun	
26	31	M	
27	Nov.	Tu	H.E.H. the Nizam's Birthday, 1302 H.
28	2	W	
29	3	Th	
30	4	FRI	
•			

DAI 1342 F.—NOVEMBER 1932 A.D.

Dai	Nov.	Days	
1	5	S	<i>Urus Hazrat Khawaja Muinuddin Chishti.</i>
2	6	Sun	<i>Last day for receiving applications from the candidates for the First Professional (M.B.,B.S.) Examination.</i>
3	7	M	
4	8	Tu	
5	9	W	
6	10	Th	
7	11	FRI	The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1339 H., 1330 F. 1920.
8	12	S	Princes' Marriage.
9	13	Sun	
10	14	M	
11	15	Tu	
12	16	W	<i>Maula Ali Ursus.</i>
13	17	Th	
14	18	FRI	
15	19	S	
16	20	Sun	
17	21	M	
18	22	Tu	
19	23	W	
20	24	Th	
21	25	FRI	<i>Shab-i-Miraj.</i>
22	26	S	
23	27	Sun	
24	28	M	<i>Independence Day.</i>
25	29	Tu	
26	30	W	
27	Dec.	Th	
28	2	FRI	
29	3	S	<i>First Professional Examination M.B.,B.S.begins.</i>

BAHMAN 1342 F.—DECEMBER 1932 A.D.

Bah.	Dec.	Days
1	4	Sun
2	5	M
3	6	Tu
4	7	W
5	8	Th
6	9	FRI
7	10	S
8	11	Sun
9	12	M
10	13	Tu
11	14	W } <i>Shabe-Barat.</i>
12	15	Th
13	16	FRI
14	17	S
15	18	Sun
16	19	M } <i>Urus Baba Sharfuddin Aulia.</i>
17	20	Tu
18	21	W
19	22	Th
20	23	FRI
21	24	S
22	25	Sun } <i>Christmas Day.</i>
23	26	M
24	27	Tu
25	28	W
26	29	Th
27	30	FRI
28	31	S
29	Jan.	Sun } <i>New Year's Day, Anniversary of late H. H. the Nizam.</i>
30	2	M

ISFANDAR 1342 F. -- JANUARY 1933 A.D.

Isf.	Jan.	Days	
1	3	Tu	
2	4	W	<i>H.E.H. the Nizam Ascended the throne.</i>
3	5	Th	
4	6	FRI	
5	7	S	
6	8	Sun	
7	9	M	
8	10	Tu	
9	11	W	
10	12	Th	
11	13	FRI	
12	14	S	<i>Til Sankarat.</i>
13	15	Sun	
14	16	M	
15	17	Tu	<i>Fateha Hazrat Ali.</i>
16	18	W	
17	19	Th	
18	20	FRI	
19	21	S	
20	22	Sun	
21	23	M	
22	24	Tu	<i>Shab-i-Qadr.</i>
23	25	W	
24	26	Th	
25	27	FRI	
26	28	S	<i>Id-ul-Fiir. Basani Panchami.</i>
27	29	Sun	
28	30	M	
29	31	Tu	
30	Feb.	W	

FARWARDI 1342 F.—FEBRUARY 1933 A.D.

Far.	Feb.	Days
1	2	Th
2	3	FRI
3	4	S
4	5	Sun
5	6	M
6	7	Tu
7	8	W
8	9	Th
9	10	FRI
10	11	S
11	12	Sun
12	13	M
13	14	Tu
14	15	W
15	16	Th
16	17	FRI
17	18	S
18	19	Sun
19	20	M
20	21	Tu
21	22	W
22	23	Th
23	24	FRI
24	25	S
25	26	Sun
26	27	M
27	28	Tu
28	Mar.	W
29	2	Th
30	3	FRI
31	4	S

Last day for receiving applications from the college candidates for the Intermediate, B. A., M. A., M. Sc., LL. B., Diploma in Education and 2nd 3rd & 4th Professional (M.B., B.S.) Examinations

ARDIBEHISHT 1342 F.—MARCH 1933 A.D.

Ard.	Mar.	Days	
1	5	Sun	
2	6	M	
3	7	Tu	
4	8	W	
5	9	Th	
6	10	FRI	
7	11	S	
8	12	Sun	<i>Holi.</i>
9	13	M	
10	14	Tu	
11	15	W	
12	16	Th	
13	17	FRI	
14	18	S	
15	19	Sun	
16	20	M	
17	21	Tu	
18	22	W	
19	23	Th	
20	24	FRI	
21	25	S	
22	26	Sun	
23	27	M	<i>Ugadi.</i>
24	28	Tu	<i>Practical Examinations B.A. and M. Sc. begin.</i>
25	29	W	
26	30	Th	
27	31	FRI	
28	Apr.	S	
29	2	Sun	
30	3	M	
31	4	Tu	<i>Sri Ramnaumi.</i>

KHURDAD 1342 F.—APRIL 1933 A.D.

Khd	Apr.	Days	
1	5	W	
2	6	Th	
•3	7	FRI	<i>Id-uz-Zoha.</i>
4	8	S	
5	9	Sun	
6	10	M	<i>University Examinations begin.</i>
7	11	Tu	
8	12	W	
9	13	Th	
10	14	FRI	<i>Fatcha Hazrat Osman Ghani.</i>
11	15	S	
12	16	Sun	
13	17	M	
14	18	Tu	
15	19	W	
16	20	Th	
17	21	FRI	
18	22	S	
19	23	Sun	
20	24	M	
21	25	Tu	
22	26	W	
23	27	Th	<i>Fatcha Hazrat Omar Faruq.</i>
24	28	FRI	
25	29	S	
26	30	Sun	
27	May	M	<i>Moharram.</i>
28	2	Tu	
29	3	W	
30	4	Th	
31	5	FRI	

TIR 1342 F. MAY 1933 A.D.

Tir	May	Days	
1	6	S	<i>Muharram.</i>
2	7	Sun	
3	8	M	
4	9	Tu	
5	10	W	
6	11	Th	
7	12	FRI	
8	13	S	
9	14	Sun	
10	15	M	
11	16	Tu	
12	17	W	
13	18	Th	
14	19	FRI	
15	20	S	
16	21	Sun	
17	22	M	
18	23	Tu	
19	24	W	<i>Queen Victoria's Birthday, 1819.</i>
20	25	Th	
21	26	FRI	
22	27	S	
23	28	Sun	
24	29	M	
25	30	Tu	
26	31	W	
27	June	Th	
28	2	FRI	
29	3	S	<i>H. M. the King Emperor's Birthday 1865.</i>
30	4	Sun	
31	5	M	

AMARDAD 1342 F.—JUNE 1933 A.D.

Amd	June	Days
1	6	Tu
2	7	W
• 3	8	Th
4	9	FRI
5	10	S
6	11	Sun
7	12	M
8	13	Tu
9	14	W
		<i>Arbayeen.</i>
10	15	Th
11	16	FRI
12	17	S
13	18	Sun
14	19	M
15	20	Tu
16	21	W
		<i>Last Wednesday.</i>
17	22	Th
18	23	FRI
19	24	S
20	25	Sun
21	26	M
22	27	Tu
23	28	W
24	29	Th
25	30	FRI
26	July	S
27	2	Sun
28	3	M
29	4	Tu
30	5	W
31	6	Th
		<i>The Prophet's Birthday.</i>

SHAHREWARI 1342 F.—JULY 1933 A.D.

Shr.	July	Days	
1	7	FRI	
2	8	S	
3	9	Sun	
4	10	M	
5	11	Tu	
6	12	W	
7	13	Th	
8	14	FRI	
9	15	S	
10	16	Sun	
11	17	M	
12	18	Tu	
13	19	W	
14	20	Th	
15	21	FRI	
16	22	S	
17	23	Sun	
18	24	M	
19	25	Tu	
20	26	W	
21	27	Th	
22	28	FRI	
23	29	S	
24	30	Sun	<i>Birthday of H. H. the late Nizam 1283 H.</i>
25	31	M	
26	Aug.	Tu	
27	2	W	
28	3	Th	
29	4	FRI	<i>Yazdahum Sharif.</i>
30	5	S	<i>Rakhi Punnam.</i>
31	6	Sun	

MEHIR 1342 F.—AUGUST 1933 A.D.

Mhr.	Aug.	Days
1	7	M
2	8	Tu
3	9	W
4	10	Th
5	11	FRI
6	12	S <i>Janma Ashtami.</i>
7	13	Sun
8	14	M
9	15	Tu
10	16	W
11	17	Th
12	18	FRI
13	19	S
14	20	Sun
15	21	M <i>Solar eclipse.</i>
16	22	Tu
17	23	W
18	24	Th <i>Ganesh Chauth.</i>
19	25	FRI
20	26	S
21	27	Sun <i>Osmania University College opened, 1328F. —1919.</i>
22	28	M
23	29	Tu
24	30	W
25	31	Th
26	Sep.	FRI
27	2	S
28	3	Sun <i>Anant Chaturdasi.</i>
29	4	M
30	5	Tu

ABAN 1342 F.—SEPTEMBER 1933 A.D.

Abn.	Sep.	Days	
1	6	W	Translation Bureau Founded, 18th Ziqada 1335 H., 1326 F.—1917.
2	7	Th	
3	8	FRI	
4	9	S	
5	10	Sun	
6	11	M	
7	12	Tu	
8	13	W	
9	14	Th	
10	15	FRI	
11	16	S	
12	17	Sun	
13	18	M	
14	19	Tu	
15	20	W	
16	21	Th	The Royal Charter of the Osmania Uni- versity promulgated, 16th Zilhejja 1336 H., 1327 F.—1918.
17	22	FRI	
18	23	S	
19	24	Sun	
20	25	M	
21	26	Tu	
22	27	W	
23	28	Th	} Dasehra.
24	29	FRI	
25	30	S	
26	Oct.	Sun	
27	2	M	
28	3	Tu	
29	4	W	
30	5	Th	

AZUR 1343 F.—OCTOBER 1933 A.D.

Az.	Oct.	Days	
1	6	FRI	<i>New Year.</i>
2	7	S	
3	8	Sun	
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	
8	13	FRI	<i>Fatehu Hazrat Abu Bakar Siddiq.</i>
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	<i>Divali.</i>
14	19	Th	
15	20	FRI	<i>H. E. H. the Nizam's Birthday.</i>
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	<i>Urus Hazrat Khwaja Moinuddin Chishti.</i>
22	27	FRI	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923 A.D.
23	28	S	
24	29	Sun	
25	30	M	
26	31	Tu	
27	Nov.	W	
28	2	Th	
29	3	FRI	
30	4	S	

DAI 1343 F.--NOVEMBER 1933 A.D.

Dai	Nov.	Days	
1	5	Sun	
2	6	M	
3	7	Tu	
4	8	W	
5	9	Th	
6	10	FRI	
7	11	S	<i>Urus Maula Ali.</i>
8	12	Sun	The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1339 H. --1330 F. 1920 A.D. <i>Princes' Marriage.</i>
9	13	M	
10	14	Tu	
11	15	W	
12	16	Th	
13	17	FRI	<i>Shab-i-Miraj.</i>
14	18	S	<i>Independence Day.</i>
15	19	Sun	
16	20	M	
17	21	Tu	
18	22	W	
19	23	Th	
20	24	FRI	
21	25	S	
22	26	Sun	
23	27	M	
24	28	Tu	
25	29	W	
26	30	Th	
27	Dec.	FRI	
28	2	S	First Professional M.B.,B.S. Exam. begins.
29	3	Sun	<i>Shab-i-Barat.</i>

BAHMAN 1343 F.—DECEMBER 1933 A.D.

Bah.	Dec.	Days	
1	4	M	<i>Shab-i-Barat.</i>
2	5	Tu	
3	6	W	
4	7	Th	
5	8	FRI	
6	9	S	<i>Urus Hazrat Baba Sharfuddin.</i>
7	10	Sun	
8	11	M	
9	12	Tu	
10	13	W	
11	14	Th	
12	15	FRI	
13	16	S	
14	17	Sun	
15	18	M	
16	19	Tu	
17	20	W	
18	21	Th	
19	22	FRI	<i>Anniversary of the late H. H. the Nizam.</i>
20	23	S	
21	24	Sun	
22	25	M	<i>H. E. H. the Nizam ascended the throne.</i>
23	26	Tu	
24	27	W	
25	28	Th	
26	29	FRI	
27	30	S	
28	31	Sun	
29	Jan.	M	<i>New Year.</i>
30	2	Tu	

ISFANDAR 1343 F.—JANUARY 1934 A.D.

Ist.	Jan.	Days	
1	3	W	
2	4	Th	
3	5	FRI	
4	6	S	
5	7	Sun	<i>Fateha Hazrat Ali.</i>
6	8	M	
7	9	Tu	
8	10	W	
9	11	Th	
10	12	FRI	
11	13	S	
12	14	Sun	<i>Til Sankarat.</i> <i>Shabi Qadr.</i>
13	15	M	
14	16	Tu	
15	17	W	
16	18	Th	
17	19	FRI	<i>Id-ul-Fitr.</i> <i>Basant Panchami.</i>
18	20	S	
19	21	Sun	
20	22	M	
21	23	Tu	
22	24	W	
23	25	Th	
24	26	FRI	
25	27	S	
26	28	Sun	
27	29	M	
28	30	Tu	
29	31	W	<i>Lunar Eclipse.</i>
30	Feb.	Th	

FARWARDI 1343 F.—FEBRUARY 1934 A.D.

Far. Feb. Days

1	2	FRI
2	3	S
3	4	Sun
4	5	M
5	6	Tu
6	7	W
7	8	Th
8	9	FRI
9	10	S
10	11	Sun
11	12	M <i>Maha Shivratri.</i>
12	13	Tu
13	14	W
14	15	Th
15	16	FRI
16	17	S
17	18	Sun
18	19	M
19	20	Tu
20	21	W
21	22	Th
22	23	FRI
23	24	S
24	25	Sun
25	26	M
26	27	Tu
27	28	W
28	Mar.	Th } <i>Holi.</i>
29	2	FRI
30	3	S
31	4	Sun

ARDIBEHISHT 1343 F.—MARCH 1934 A.D.

Ard.	Mar.	Days	
1	5	M	
2	6	Tu	
3	7	W	
4	8	Th	
5	9	FRI	
6	10	S	
7	11	Sun	
8	12	M	
9	13	Tu	
10	14	W	
11	15	Th	
12	16	FRI	<i>Ugadi.</i>
13	17	S	Inter. B.A., B.Sc., etc. Exams. begin (Practical).
14	18	Sun	
15	19	M	
16	20	Tu	
17	21	W	
18	22	Th	
19	23	FRI	<i>Sri Ramnaumi.</i>
20	24	S	
21	25	Sun	
22	26	M	
23	27	Tu	
24	28	W	
25	29	Th	
26	30	FRI	
27	31	S	Inter. B.A., B.Sc., LL.B., etc. Exams. begin.
28	Apr.	Sun	
29	2	M	
30	3	Tu	<i>Fateha Hazrat Osman Ghani.</i>
31	4	W	

KHURDAD 1343 F.—APRIL 1934 A.D.

Khd	Apr.	Days
1	5	Th
2	6	FRI
3	7	S
4	8	Sun Matriculation Exam. begins.
5	9	M
6	10	Tu
7	11	W
8	12	Th
9	13	FRI
10	14	S
11	15	Sun
12	16	M
13	17	Tu
14	18	W
15	19	Th
16	20	FRI
17	21	S
18	22	Sun
19	23	M
20	24	Tu
21	25	W
22	26	Th
23	27	FRI
24	28	S
25	29	Sun
26	30	M
27	May	Tu
28	2	W
29	3	Th
30	4	FRI
31	5	S

*Fateha Hazrat Omar,**Moharrum.*

TIR 1343 F.—MAY 1934 A.D.

Tir	May	Days	
1	6	Sun	
2	7	M	
3	8	Tu	
4	9	W	
5	10	Th	
6	11	FRI	
7	12	S	
8	13	Sun	
9	14	M	<i>Restoration of the Residency area.</i>
10	15	Tu	
11	16	W	
12	17	Th	
13	18	FRI	
14	19	S	
15	20	Sun	
16	21	M	
17	22	Tu	
18	23	W	
19	24	Th	<i>Queen Victoria's Birthday.</i>
20	25	FRI	
21	26	S	
22	27	Sun	
23	28	M	
24	29	Tu	
25	30	W	
26	31	Th	
27	June	FRI	
28	2	S	
29	3	Sun	<i>Arbaceen.</i>
30	4	M	
31	5	Tu	

AMARDAD 1343 F.—JUNE 1934 A.D.

Am. Jun. Days

1	6	W
*2	7	Th
3	8	FRI
4	9	S
5	10	Sun
6	11	M
7	12	Tu
8	13	W <i>Last Wednesday.</i>
9	14	Th
10	15	FRI
11	16	S
12	17	Sun
13	18	M
14	19	Tu
15	20	W
16	21	Th
17	22	FRI
18	23	S
19	24	Sun
20	25	M
21	26	Tu
22	27	W
23	28	Th
24	29	FRI
25	30	S
26	July	Sun
27	2	M
28	3	Tu
29	4	W
30	5	Th
31	6	FRI

The Prophet's Birthday.

SHAHREWARI 1343 F.—JULY 1934 A.D.

Shr	July	Days
1	7	S
2	8	Sun
3	9	M
4	10	Tu
5	11	W
6	12	Th
7	13	FRI
8	14	S
9	15	Sun
10	16	M
11	17	Tu
12	18	W
13	19	Th
14	20	FRI
15	21	S
16	22	Sun
17	23	M
18	24	Tu
19	25	Yazdahum Sharif.
20	26	W
21	27	Th
22	28	FRI
23	29	S
24	30	Sun
25	31	M
26	Aug.	Tu
27	2	W
28	3	Th
29	4	FRI
30	5	S
31	6	Sun

MEHIR 1343 F.—AUGUST 1934 A.D.

Mhr.	Aug.	Days	
1	7	Tu	
2	8	W	
3	9	Th	
4	10	FRI	
5	11	S	
6	12	Sun	
7	13	M	
8	14	Tu	
9	15	W	
10	16	Th	
11	17	FRI	
12	18	S	
13	19	Sun	
14	20	M	
15	21	Tu	
16	22	W	
17	23	Th	
18	24	FRI	<i>Rakhi Punam.</i>
19	25	S	
20	26	Sun	
21	27	M	Osmania University College opened 1328 F. 1919 A.D.
22	28	Tu	
23	29	W	
24	30	Th	
25	31	FRI	<i>Janma Ashtami.</i>
26	Sep	S	
27	2	Sun	
28	3	M	
29	4	Tu	
30	5	W	

ABAN 1343 F.—SEPTEMBER 1934 A.D.

Ab.	Sep.	Days	
1	6	Th	Translation Bureau founded 18th Ziqada 1335H.— 1326 F.—1917.
2	7	FRI	
3	8	S	
4	9	Sun	
5	10	M	
6	11	Tu	
7	12	W	<i>Ganesh Chauth.</i>
8	13	Th	
9	14	FRI	
10	15	S	
11	16	Sun	
12	17	M	
13	18	Tu	
14	19	W	
15	20	Th	
16	21	FRI	The Royal Charter of the Osmania University promulgated, 16th Zilhejja 1336 H.-1327 F.—1918 A.D.
17	22	S	<i>Inantachaturdasi.</i>
18	23	Sun	
19	24	M	
20	25	Tu	
21	26	W	
22	27	Th	
23	28	FRI	
24	29	S	
25	30	Sun	
26	Oct.	M	
27	2	Tu	<i>Fateha Hazrat Abu Bakar Siddiq.</i>
28	3	W	
29	4	Th	
30	5	FRI	

2. INTRODUCTION

The Osmania University has come into existence in response to a wide-spread demand in the Dominions for a type of higher education calculated to satisfy the intellectual and cultural aspirations of the people and having its foundations deep in the national consciousness. For over half a century higher education in the State was controlled by the Madras University ; but the connection proved so unfructuous that enlightened public opinion in the State became averse to its continuation and proposals were mooted from time to time either to affiliate educational institutions in the State to another University or better still to have an entirely self-contained system of higher education. These proposals continued to be discussed for a long time without taking a definite shape until the accession of the present ruler of the State, whose reign has been the starting-point of an era of unprecedented educational progress. Early in his reign an Educational Adviser was appointed to report on the improvements to be effected in the educational organization of the State and on his advice the whole system of Primary and Secondary education was overhauled, the number of schools was largely increased and all institutions were provided with better teachers and equipment. The question of higher education was then taken up and early in 1917 when Sir Akbar Hydari (Nawab Hydar Nawaz Jung Bahadur), Secretary to His Exalted Highness' Government in Educational Department, submitted a memorandum to His Exalted Highness in which after surveying the existing educational conditions and discussing the disadvantages of imparting knowledge through the medium of a foreign language he recommended that considering the peculiar needs and conditions of the State : -

" We require a new University free from the evils inherent in the present system and calculated to undo its deplorable effects. The University so founded shall be based on the fundamental principles of education, and shall take into consideration the peculiar needs of the people and their national characteristics. It shall preserve all that is best in the present and ancient systems of education. It should be both an examining and teaching body and in addition to this undertake to compile and translate books,

using the Urdu language both for the imparting of knowledge and the training of the intellect."

In the course of this memorandum, Sir A. Hydari pointed out the inherent defects of the present system of education through the medium of a foreign language, such as the undue and unwarranted strain on the students' memory, the time wasted in mastering the intricacies of a foreign language at the sacrifice of the subject-matter taught, the stifling of originality and the inability of the graduates to impart knowledge to their fellow countrymen in their mother-tongue and the unbridgeable gulf thus created between the educated classes and the mass of the general public. He also referred to the two possible objections that might be urged against the selection of Urdu as the medium of instruction in the proposed University, firstly that the majority of the people spoke other languages and secondly the absence of good books in Urdu. As to the first it was pointed out that although it was true that those whose mother-tongue is Urdu are in a minority, yet Urdu is the cultural and official language of the State and of polite society, and is generally spoken by those classes from which students proceeding to a college course are drawn. Sir Akbar Hydari met the second objection by stating that if a Bureau of compilation and translation were attached to the University, books required for College Classes could be produced in a short time. His opinion has proved to be well-founded as the Bureau of Translation has, during this short period, produced almost all the books required as text-books for the Intermediate and the B.A. Classes and is at present engaged in the translation of books on Law, Medicine, Engineering and those required for M.A. & M.Sc. Classes. The capacity of Urdu as the vehicle for expressing scientific ideas is generally recognised. The well-known historian, Mr. Vincent A. Smith, bears testimony to this fact in the last chapter of his *History of India*. While welcoming the inauguration of the Osmania University, he says :—

"The Urdu language which resembles English in simplicity and flexibility of its syntax and in the extraordinary wealth of its vocabulary drawn from Western Hindi, Sanskrit, Persian, Arabic, English and other sources should be capable of expressing ideas on any subject, literary, philosophical and scientific."

His Exalted Highness, whose deep and abiding interest in the advancement of education is well known, was graciously pleased to approve of the proposal and has ever since shown the greatest interest in the progress of the movement, which but for his princely generosity and sympathetic guidance could not have made any headway. The words of his gracious *Farman* dated the 4th Rajjab 1335 H. (Khurdad 1326 F.—April 1917) are well worth reproduction :—

"I am pleased to express my approval of the views set forth in the Arzdasht and the memorandum submitted therewith, regarding the inauguration of a University in the State, in which the knowledge and culture of ancient and modern times may be blended so harmoniously as to remove the defects created by the present system of education and full advantage may be taken of all that is best in the ancient and modern systems of physical, intellectual, and spiritual culture. In addition to its primary object to diffuse knowledge, it should aim at the moral training of the students and give an impetus to research in all scientific subjects. The fundamental principle in the working of the University should be that Urdu should form the medium of higher education but that a knowledge of English as a language should at the same time be deemed compulsory for all students. With this object in view I am pleased to order that steps be taken for the inauguration on the lines laid down in the Arzdasht, of a University for the Dominions, to be called the Osmania University of Hyderabad in commemoration of my accession to the throne."

In pursuance of the august commands of His Exalted Highness, the Educational Department at once proceeded with the preliminary spade-work necessary for the launching of this great project. Representative Committees were formed to consider courses of studies for the Faculties of Arts and Theology of the proposed University, and the draft curricula prepared by these Committees were circulated widely in educational circles in England and in India with the result that the promoters of the University had the satisfaction of seeing that their conclusions were more or less approved of by eminent educational authorities.

The main features of these curricula are that in the Matriculation, the students can have a good grounding in the subjects which they will study at College. In the Intermediate Examination, a greater latitude has been given in the selection of subjects than in other Indian Universities, whilst at the same time the subjects have been so grouped as to enable a student to take up more or less cognate and applied subjects. This division of subjects into distinctive groups makes intensive study possible in the B.A. Classes since, besides English and Theology or Morals which are compulsory, a student can take up only one particular subject in which he can specialise and later carry on research work. It may also be noted that Theology or Morals is compulsory throughout the College course.

The standard of compulsory English is the same as in other Universities, which enables the *alumni* of the Osmania University

to keep in touch with the currents of thought in the English-speaking world and prevents them from being confined to the publications of the University. They are also encouraged by the staff to consult English books on the various subjects from which questions are set to them to criticise and to explain. English is taught only as a language, so that the students may be able to speak and write it with ease and accuracy and to appreciate all that is best in modern English Literature.

The first constructive work of the University was the establishment of a Bureau of Translation with a staff of eight qualified translators under the direction of a noted scholar and writer. The Bureau has been very successful in its work considering the immense difficulties in the way, specially in the coming of scientific terms for which expert committees are constantly at work and have devised a terminology for a number of sciences. It was in the beginning a temporary institution ; but in view of its importance to the work of the University, His Exalted Highness was pleased to extend its term of life for ten years and the question of making it a permanent institution in view of the importance of its work is now before the government. The work attempted by the Bureau embraces the whole range of University studies including History (Eastern and Western,) (Ancient and Modern), Philosophy, Economics, Sociology, Mathematics (Pure and Applied), Physics, Chemistry, Law, Botany and Zoology, Engineering, Pedagogies and Medicine. The books translated by the Bureau were printed at the Government Central Press where a special staff was retained for University work ; but as it was situated at a considerable distance from the University building it was subsequently transferred to the Bureau. The Dafrat-ul-Maarif (Oriental Publication Bureau) which publishes rare Arabic books not available in print has recently been placed under the control of the University. The services rendered by this institution to the cause of Arabic learning have been universally recognised not only in Islamic countries but also by European Orientalists.

Under the Charter, the constitution of the University, which has been framed to suit local conditions of official and public life, differs in some respects from that of the older Indian Universities. Academic and administrative functions are vested in distinct bodies specially constituted for these purposes. With this object the Faculties have been so constituted as to perform academic functions, which in many Indian Universities are performed by the Syndicate. The number of fellows appointed to the Faculties is restricted, so that all members of the Senate do not necessarily belong to one or other of the Faculties, which consist mainly of the professorial staff, who have a preponderating voice in academic matters. The Syndicate is on the other hand a business and not an academic Committee of the Senate.

The Executive Government of the University including the general supervision and control of the colleges is vested in the Council, which is the highest governing body of the University and practically performs most of the functions of Government in British Indian Universities.

The Osmania University College which is at present the only constituent college of the University was opened in August 1919. The enrolment in the various classes has been most encouraging and the College has now nearly 563 students on its rolls. The first Intermediate Examination was held in April 1921, and the first B. A. Examination in 1923. As there is more than one paper in every subject it has been found possible to have external examiners in all subjects, who are generally professors in other Universities. They have expressed satisfaction with the standard reached by the students. It may be noted that the University does not experience any difficulty in securing the services of highly qualified examiners from other Universities, as Urdu is a language widely known in every part of India specially in the North.

A staff of three Professors and ten Assistant Professors was originally sanctioned to meet the requirements of an Intermediate College, but in view of the opening of the B. A. and subsequently the M. A., M.Sc. and LL.B. classes a number of new appointments have been created and the sanctioned staff of the Osmania University College now consists of the following :—

1 Principal	..	Rs.	1,250-50-1,500
19 Professors	..		500-50-1,000
1 Professor	..	B.G.	1,500
2 Professors	..	"	600-800
30 Do	..	"	350-25-600
18 Do	..	"	250-15-400
6 Demonstrators	..	"	250-15-400
1 Librarian	..	"	250-15-400

The College is at present housed in eight large and commodious buildings situated in a healthy quarter of the city ; but the authorities are not satisfied with the present conditions under which there is little scope for expansion. An extensive plot of land about 1,400 acres in area has been approved of by His Exalted Highness for the University buildings. His Exalted Highness' Government are prepared to make the buildings worthy of the name of its illustrious founder, and for this purpose a sum of nearly a crore of rupees is proposed to be spent.

The University started with provision for instruction in Theology, Arts and Science but to furnish opportunities for professional training to its graduates and undergraduates a Law Class was opened in August 1923. The translation of Engineer-

ing and Medical books has been taken in hand. The first year M.B., B.S. Class of the University College of Medicine was opened in July 1927 and the College of Engineering and the Teachers' Training College in 1929.

The increasing number of students in the Intermediate classes in the University College has led to the opening of Intermediate colleges in the City High School Hyderabad and at Aurangabad, Warangal and Gulbargah. Intermediate classes were also attached to the Zenana School, Nampalli. Degree courses have now been introduced into this institution, so as to bring the blessings of higher education within the reach of pardah ladies.

The budget provision for the various Departments of the University for the year 1343 Fasli (October 1933 to October 1934) is as follows :—

	Rs.
Registrar's Office ..	1,21,657
Osmmania University College ..	7,56,929
Women's College ..	33,900
Medical College ..	1,86,086
Training College ..	25,960
Engineering College ..	2,50,005
City Intermediate College ..	59,715
Aurangabad Intermediate College ..	53,826
Warangal Intermediate College ..	33,560
Gulbargah Intermediate College ..	34,496
Translation Bureau ..	2,61,415
University Press ..	1,50,102
Nizamiah Observatory ..	36,164
Pensions ..	1,35,248
Reserved ..	29,815
Savings ..	7,31,731
Grants-in-Aid ..	7,657
 Total ..	 29,08,176

3 THE OSMANIA UNIVERSITY

Patron

HIS EXALTED HIGHNESS

LIEUTENANT-GENERAL, SIPAH SALAR, ASIFJAH,

MUZAFFAR-UL-MULK WAL MAMALIK,

NIZAM-UL-MULK, NIZAM-UD-DAULAH,

NAWAB SIR MIR OSMAN ALI KHAN BAHADUR,

FATEH JUNG,

FAITHFUL ALLY OF THE BRITISH GOVERNMENT,

G.C.S.I., G.B.E., NIZAM OF HYDERABAD,

SULTAN-UL-ULUM.

Chancellor

MAHARAJA SIR KISHAN PERSIAD BAHADUR, YAMIN-US-SALTANAT

G.C.I.E.

Vice-Chancellor

NAWAB WALI-UD-DAULAH BAHADUR.

University Council

Ex-Officio.

The Chancellor

The Vice-Chancellor

The Ecclesiastical Member, Executive Council (Nawab Lutf-ud-Daulah Bahadur).

The Finance Member, Executive Council (Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur, B.A., LL.D.).

The Secretary, Educational Department (Nawab Zulqadar Jung Bahadur). M. A. (Cantab.) Bar-at-Law).

The Director of Public Instruction (Khan Fazl Muhammad Khan Esq., M.A., (Cantab.).

The Principal, Osmania University College (Muhammad Abdul Rahman Khan Esq., B.A., B. Sc. (London),

The Principal, Medical College [Lt.-Col. Farhat Ali, B.A., M.B. ch.B. (Edin.)].

The President, Engineering College (Nawab Ali Nawaz Jung Bahadur, F. C. I. B.).

The Principal, Women's College [Miss A. Pope, L.R.A.M., A.R.C.M., (London) M.A.. D.Litt., (Allah), s.C.A.A. (Lisb.)].

Appointed by Government

Tir 1342 F. to Tir 1345 F.

Lt.-Col. Sir R. H. Chenevix Trench, C.I.E., (Revenue Member, Executive Council).

Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.).

Director, Medical and Sanitation Departments. (Col. J. Norman Walker, C.I.E. I.M.S.).

Nawab Mirza Yar Jung Bahadur, B.A. LL.B., Chief Justice.

Raja Bahadur Pandit Gir Rao.

REGISTRAR

H. A. Ansari, Esq., B.A.

THE SENATE

Members of the University Council.

1. The Chancellor.
2. The Vice-Chancellor.
3. The Ecclesiastical Member, Executive Council (Nawab Lutf-ud-Daulah Bahadur).
4. The Finance Member, Executive Council (Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur, B.A., LL.B.)
5. The Secretary, Educational Department, (Nawab Zulqadar Jung Bahadur M.A. (Cantab) Bar.-at-Law.)
6. The Director of Public Instruction (Khan Fazl Muhammad Khan, Esq., M.A., (Cantab).)
7. The Principal Osmania University College (Muhammad Abdul Rahman Khan, Esq., B.A. B.Sc. (London)).
8. The Principal, Medical College (Lt.-Col. Farhat Ali, B.A., M.B. Ch.B. (Edin.).
9. The President, Engineering College (Nawab Ali Nawaz Jung Bahadur, F.C.I.I.).
10. The Principal, Women's College (Miss A. Pope, I.R.A.M., A.R.C.M (London), M.A., D.Litt. (Allah.), S.C.A.A. (Lisbon)).
11. Lt.-Col. Sir R. H. Chenevix Trench, C.I.E.
12. Nawab Mchdi Yar Jung Bahadur, M.A. (Oxon.).
13. Director, Medical and Sanitation Departments. (Col. J. Norman Walker, C.I.E., I.M.S.)
14. Nawab Mirza Yar Jung Bahadur, B.A. LL.B.. Chief Justice.
15. Raja Bahadur Pandit Gir Rao.

UNIVERSITY PROFESSORS.

Osmania University College.

16. Qazi Muhd. Husain, Esq., M.A. (Punjab) B.A. LL.B (Cantab).
17. Mirza Hosain Ali Khan, Esq., B.A. (Oxon.).
18. Haroon Khan Sherwani, Esq., M.A. (Oxon.) Bar-at-Law.
19. Wahidur Rahman, Esq., B.Sc.
20. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
21. Maulvi Abdul Haq Sahib, B.A.
22. Maulvi Abdul Qadir Sahib.
23. Muhammad Ilyas Burney, Esq., M.A., LL.B.
24. Kishen Chand, Esq., M.A., (Cantab.).
25. E. E. Speight, Esq., B.A., (London).
26. Muzaffaruddin Quraishi, Esq., M.Sc., Ph.D., (Berlin).
27. Sayyid Abdul Latif, Esq., B.A., Ph.D., (London).
28. Hosain Ali Mirza, Esq., Bar-at-Law.
29. Abdul Haq, Esq., B.Litt., Ph.D., (Oxon.).
30. Muhammad Nizamuddin, Esq., B.Phil. (Cantab).
31. Sayyid Husain Esq., M.Sc., Ph.D. (London.).
32. T. Virabhadrudu, Esq., M.A., L.T. (Madras).

33. Mir Siyadat Ali Khan, M.A., B.C.L., D.Phil. (Oxon.).
 34. Ibne Hasan, Esq., M.A. (Allah) Ph.D. (London).
 35. Muhd. Jamilur Rahman Esq., M.A.

Medical College.

36. S. W. Hardikar, Esq., M.D., M.R.C.S. (Edin).
 37. Mufti Shah Nawaz, Esq., M.B., B.S.
 38. Sayyid Abdul Rahman, Esq., M.B., Ch.B. (Edin.).
 39. Brij Mohan Lal, Esq., B.A., M.B.B.S., M.Sc. (Lond.).

Osmania Engineering College.

40. M. D. Gadgil Esq., B.A., L.C.E.
 41. Samullah Shah, Esq., B.Sc. Hons. (Manchester), A.M.I.C.E., (London).
 42. R. K. Nariman, Esq., A.C.H., M.I.C.E., M.I.E., F.R.E.S., F.I.C.S. F.R.G.S.
 43. S. P. Raju, Esq., B.A.B.E.

Nominated by Government.

(Tir 1340 F.—Tir 1342).

44. Nawab Sir Amin Jung Bahadur, M.A., B.L., LL.D., K.C.S.I., C.S.I.
 45. Nawab Sir Nizamat Jung Bahadur, M.A., B.L. (Oxon.).
 46. Nawab Nazir Jung Bahadur.
 47. Nawab Siraj Yar Jung Bahadur, M.A., B.C.L., LL.D., Barrister at-Law.
 48. Nawab Fakhr Yar Jung Bahadur, B.A.
 49. W. J. Prenderghast, Esq., B.Litt.
 50. Nawab Hashim Yar Jung Bahadur, M.A., LL.B.
 51. Ghulam Yazdani, Esq., M.A.
 52. Sayyid Mohiuddin, Esq., B.A., Bar.-at-Law.
 53. Muhammad Azhar Hasan, Esq., B.A.
 54. Muhammad Enayatullah, Esq., B.A.
 55. Hamid Ahmad Ansari, Esq., B.A.
 56. Nawab Nazir Yar Jung Bahadur, M.A., LL.D.
 57. Sayyid Muhammad Azam, Esq., M.A., B.Sc. (Cantab.).
 58. Nawab Samad Yar Jung Bahadur, B.A.
 59. Rai Baijnath Sahib, M.A., LL.B.
 60. Sayyid Muhammad Hussain, Esq., B.A., (Oxon.).
 61. M. Pickthall, Esq.
 62. B. A. Collins, Esq., I.C.S.
 63. Nawab Asghar Yar Jung Bahadur, B.A. (Oxon.), Bar-at-Law.
 64. Rai Bishesharnath Sahib, B.A., LL.B.
 65. Raja Shamraj Bahadur.

(Elected by the Senate from the Faculties).

66. *Vacant*
 67. Sajjad Mirza, Esq., M.A., (Cantab.).
(Elected by the Senate from the list of Registered Graduates.)
 68. Nawab Fakhr Nawaz Jung Bahadur, M.A., LL.B.
 69. Mahmud Ahmad Khan, Esq., B.Sc.

THE SYNDICATE.

(For 1342—1343 F.)

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (Chairman).
2. Nawab Zulqadar Jung Bahadur, M.A. (Cantab) Bar-at-Law.
3. Qaz' Muhd. Husain, Esq., M.A. (Punj.), B.A., LL.B. (Cantab).
4. Lt.-Col. Farhat Ali, B.A., M.B., Ch.B. (Edin.)
5. The Secretary, Engineering College, (M. D. Gadgil, Esq.).
6. Miss. A. Pope, L.R.A.M., A.R.C.M., (Lond.) M.A., D.Litt. (Allah.) S.C.A.A. (Lisbon).
7. Syed Muhd. Azam, Esq., M.A. (Cantab).

FACULTY OF THEOLOGY.

(For 1342 and 1343 Fasti).

1. Nawab Zia Yar Jung Bahadur (Dean).
2. Nawab Akbar Yar Jung Bahadur.
3. Nawab Muhammad Yar Jung Bahadur.
4. Nawab Akhtar Yar Jung Bahadur.
5. Nawab Nazir Yar Jung Bahadur.
6. Maulvi Abdul Qadir Sahib.
7. Abdul Haq, Esq., B.Litt., Ph.D., (Oxon.)
8. Maulvi Abiullah Emadi Sahib.
9. Maulvi Muhd. Elias Burney Sahib, M.A., LL.B.
10. Maulvi Abdul Bari Sahib Nadavi.
11. Maulvi Ghulam Nabi Sahib.
12. Maulvi Sayyid Sher Ali Sahib.
13. Mufti Abdul Latif Sahib.
14. Maulvi Manazir Ahsan Sahib Gilani.
15. Maulvi Sayyid Ibrahim Sahib.

FACULTY OF ARTS.

(For 1342 and 1343 Fasti).

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (Dean)
2. Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.)
3. Nawab Akbar Yar Jung Bahadur.
4. Qazi Muhammad Husain, Esq., B.A., LL.B. (Cantab.).
5. Haroon Khan Sherwani, Esq., M.A., (Oxon.). Barrister-at-Law.
6. Hosain Ali Khan, Esq., B.A. (Oxon.).
7. Muhammad Elias Burney, Esq., M.A., LL.B.
8. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
9. Sayyid Muhammad Azam, Esq., M.A., B.Sc. (Cantab.).
10. Abdul Haq, Esq., B.Litt., Ph.D. (Oxon.).
11. Muhammad Nizamuddin, Esq., D.Phil. (Cantab.).
12. Maulvi Abdul Haq Sahib, B.A.
13. Sayyid Abdul Latif, Esq., B.A., Ph.D. (London).
14. Miss Amina Pope, L.R.A.M., A.R.C.M. (Lond.), M.A., D. Litt. (Allahabad), S.C.A.A. (Lisbon).
15. Pandit Hari Har Shastri.
16. Sayyid Ali Akbar Esq., M.A. (Cantab).

FACULTY OF SCIENCE.

(For 1342 and 1343 Fasli).

1. Khan Fazal Md. Khan Esq., M.A. (Cantab) (*Dean*)
2. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London.)
3. Lt.-Col. Farhat Ali, B.A., M.B., Ch.B. (Edin.).
4. Qazi Muhammad Husam Esq., B.A., LL.B., (Cantab.), M.A. (Punjab).
5. Sayyid Muhammad Azam, Esq., M.A. B.Sc. (Cantab).
6. Wahidur Rahman, Esq., B.Sc.
7. Muzaffaruddin Quraishi, Esq., M.Sc., Ph.D. (Berlin).
8. Kishen Chand, Esq., M.A. (Cantab).
9. Sayyid Husain, Esq., M.Sc., Ph.D. (London).
10. Samiullah Shah, Esq., B.Sc., Hons. (Manchester).
11. Sayeeduddin, Esq., M.A. (Edin.).
12. G. C. Kameshwar Rao, Esq., D.Sc.
13. Mahmud Ahmad Khan, Esq., B.Sc.
14. Raziuddin Siddiqi, Esq., M.A. (Osmania), B.A. (Cantab). Ph.D.
15. B. K. Das Esq., D.Sc. (London). [Gottingen].
16. S. M. Ali Khan, Esq., B.Sc. (Hons.)

FACULTY OF LAW.

(For 1342 and 1343 Fasli).

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (*Dean*).
2. Nawab Zulqadir Jung Bahadur.
3. Nawab Hashim Yar Jung Bahadur, M.A., LL.B.
4. Nawab Sir Anmin Jung Bahadur, M.A., B.L., LL.D., K.C.S.I., C.I.E.
5. Nawab Nazir Yar Jung Bahadur.
6. Rai Bishesharnath Sahib, B.A., LL.B.
7. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc., (London).
8. Hosain Ali Mirza, Esq., Barrister-at-Law.
9. Mir Akbar Ali Musavi, Esq., B.A., LL.B., (Bombay).
10. Qazi Muhd. Husain Esq., B.A., LL.B. (Cantab).
11. Mirza Hosain Ali Khan, Esq., B.A. (Oxon). Bar-at-Law.
12. Mir Siyadat Ali Khan, Esq., M.A. B.C.L., Ph.D. (Oxon).
13. Khalifa Abdul Hakim, Esq.
14. Mir Valiuddin, Esq., M.A. Ph.D. (London).
15. Akbar Ali Khan, Esq., Bar-at-Law.
16. Khaliluz-Zaman, Esq., Bar-at-Law.

FACULTY OF MEDICINE.

(For 1342 and 1343 Fasli).

1. Col. J. Norman Walker, C.I.E., I.M.S. (*Dean*).
2. R. N. Coorlawala, Esq., F.R.C.S., (Eng.) I.R.C.P., (London), D.P.H., (Cantab), M.B., (Dublin).
3. Lt.-Col. Muhammad Ashraf, M.B., Ch.B., (Edin.)
4. Lt.-Col. Farhat Ali, M.B., Ch.B., (Edin.).
5. Major Nawab Faiz Jung Bahadur, Esq., M.B., Ch.B., (Edin.).
6. Khurshid Husain, Esq., M.B., Ch.B., (Edin.).

7. Syed Abdul Rahim Esq., B.A., M.B., Ch.B..
8. Mufti Shah Nawaz, Esq., M.B.B.S.
9. Major M. W. Hart, M.R.C.S., L.R.C.P., M.B.E.
10. Brij Mohan Lal, Esq. B.A., M.B.B.S., M.Sc. (London).
11. Hasan Ali Khan, Esq., M.B., Ch.B., (Edin.).
12. V. R. Gorakshakar, Esq., B.A., M.B., Ch.B., (Edin.).
13. A. Latif Sayeed, Esq., M.B., Ch.B. (Edin.).
14. S. W. Hardikar, Esq., M.D., M.R.C.S. (Edin.).
15. Sayyid Abdul Rahman, Esq., M.B., Ch.B. (Edin.).

FACULTY OF ENGINEERING.

(For 1342 and 1343 Fasli).

1. Nawab Ali Nawaz Jung Bahadur F.C.H. (Devn)
 2. Secretary, Engineering College (M. D. Gadgil, Esq., B.A.I.C.E.)
 3. Mehir Ali Fazil Esq. L.C.E.
 4. Syed Arifuddin Esq. B.Sc., Hons. (Manchester).
 5. Nawab Zain Jung Bahadur.
 6. Sayyid Ali Raza, Esq., B.A., B.Sc., Hons. (Manchester).
 7. Samiullah Shah, Esq., B.Sc., Hons. (Manchester).
 8. R. K. Nariman Esq.
 9. Muhammad Ahmad Mirza, Esq., B.A., C.E.
 10. Afzal Ali Khan Esq. B.Sc. (Calcutta), B.Sc. (Manchester).
- A.M.I.M.E., A.M.I.E.E.
11. The Professor of Physics, Osmania University College.
 12. The Professor of Chemistry, do do
 13. The Professor of Mathematics, do do
 14. Professor of Hydraulics.

FACULTY OF TRAINING.

(For 1342 and 1343 Fasli).

1. Khan Fazl Muhammad Khan, Esq., M.A., (Cantab) (Devn).
2. Sayyid Muhammad Husain, Esq., B.A. (Oxon).
3. Sayyid Ali Akbar, Esq., M.A. (Cantab).
4. Muhammad Sajjad Mirza, Esq., M.A. (Cantab.), C.T. (London).
5. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London).
6. Sayyid Muhammad Azam, Esq., M.A., B.Sc., (Cantab).
7. Muhammad Hafizullah, Esq., B.A., B.T.
8. Qazi Muhammad Husain, Esq., M.A., LL.B. (Cantab).
9. Sayyid Muhiuddin, Esq., B.A., Bar-at-Law.
10. Mir Ahmad Ali Khan, Esq., M.A., M.Ed. (Leeds).
11. Malik Sardar Ali, Esq., B.A., B.T.
12. Ghulam Rabbani, Esq., B.A., B.T.
13. Mahbub Ali Taher, Esq., M.A., M.Ed. (Leeds).
14. D. D. Shenderker, Esq. Ph.D. (London).
15. Abdul Aziz Khan, Esq., B.A., B.T.
16. Muhammad Osman, Esq., B.A.

FACULTY OF TECHNOLOGY.

(For 1342 and 1343 Fasli).

1. R. L. Gamlen, Esq., O.B.E., M.I.E.E.
2. Khan Fazl Muhammad Khan, Esq., M.A., (Cantab).

3. C. E. Preston, Esq., M. Eng., B.A., M.I.E.E.
4. W. E. J. Beeching, Esq., A.C.C.I., A.M.I.C.E.
5. Professor of Mathematics, Osmania Technical Institute.
6. Asst. Professor of Mechanical Engineering, Osmania Technical Institute.
7. Asst. Professor of Electrical Engineering, Osmania Technical Institute.
8. B. Abdy Collins, Esq., I.C.S., C.I.E.
9. G. R. G. Huddleston, Esq.
10. Secretary, Engineering College.
11. Sayyid Arifuddin, Esq.
12. Professor of Mechanical Engineering, Engineering College.

BOARDS OF STUDIES.

(For 1343 & 1344 F.—1934 & 1935 A. D.)

English.

1. E. E. Speight, Esq., B.A., (London).
2. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London).
3. Mirza Hosain Ali Khan, Esq., B.A., (Oxon.).
4. Sayyid Abdul Latif, Esq., B.A., Ph.D. (London).
5. T. Virabhadrudu, Esq., M.A.
6. Sayyid Muhammadul Azam, Esq., M.A., B.Sc., (Cantab.).

Arabic.

1. Abdul Haq, Esq., B.Litt. Ph.D., (Oxon.).
2. Maulvi Abdullah Emadi Sahib.
3. Maulvi Abdul Qadir Sahib.
4. Maulvi Ghulam Nabi Sahib.
5. M. Nizamuddin, Esq., D.Phil. (Cantab.).
6. Zahid Ali, Esq., D.Phil. (Oxon.).
7. Maulvi Sayyid Ibrahim Sahib.

Sanskrit.

1. Pandit Hari Har Shastri.
2. H. B. Atre, Esq., B.A.
3. Pandit G. Dhareshwari, B.A.
4. Sita Ram Rao, Esq., M.A.
5. Mr. Abdus Sattar Subhani
6. C. N. Joshi, Esq., M.A.

Persian.

1. M. Nizamuddin, Esq., D.Phil. (Cantab.).
2. Venkat Rao Datar Esq., B.A.,
3. Maulvi Abdul Hamid Khan Sahib.
4. Abdul Haq., Esq., B.Litt., Ph.D. (Oxon.).
5. Maulvi Abdullah Emadi Sahib.

6. Maulvi Ghulam Nabi Sahib.
7. Qari Sayyid Kalimullah Husami, Esq., M.A., LL.B., Ph.D. (London).

Urdu.

1. Abdul Haq, Esq., B.A.
2. M. Nizamuddin, Esq., D.Phil. (Cantab.).
3. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
4. Sayyid Sajjad Husain, Esq., M.A., Ph.D. (London).
5. Pandit Hari Har Shastri.
6. Ghulam Muhiuddin Qadri, M.A., Ph.D. (London).
7. Sayyid Hashimi, Esq.

Marathi.

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2. H. B. Atre, Esq., B.A.
3. R. A. Kshirsagar, Esq., B.A.
4. D. C. Bhogle, Esq., B.A.
5. Mr. Abdul Haq, B.A.
6. D. D. Shenderker Esq., B.A., B.T., T.D., Ph.D. (London).

Telugu.

1. R. Subba Rao, Esq.
2. R. V. Somayajulu, Esq.
3. S. Hannant Rao, Esq., M.A.
4. Muhammad Hasizullah, Esq., B.A., B.T.
5. S. V. Shastri Esq.,
6. Elandla Sita Ram Rao Esq., M.Sc.
7. Lakshmi Kant Shastri, Esq., B.A.

Kanarese.

1. T. R. Ram Rao, Esq., B.A.
2. H. V. Krishnaswami, Esq., M.A.
3. G. A. Chandarvakar, Esq., M.A.
4. A. Sitaram Rao, Esq., M.A.
5. D. K. Bhimsen Rao Esq.,
6. Baqar Muhiuddin Mehkri Esq.

History.

1. Haroon Khan Sherwani, Esq., M.A. (Oxon).
2. Ghulam Yazdani, Esq., M.A.
3. Maulvi Abdullah Emadi Sahib.

4. Muhammad Jamilur Rahman, Esq., M.A.
5. Ibne Hasan Esq. M.A. Ph. D. (London).
6. Yusuf Husain, Esq., D.Phil. (Paris).
7. Ishwarnath Topa Esq., Ph. D. (Freiberg).

Economics and Sociology.

1. Muhammad Elias Burney, Esq., M.A., LL.B.
2. Jafar Hasan, Esq., Ph.D. (Heidelberg).
3. Ahmad Muhiuddin, Esq., B.A. (Cantab.).
4. Sayyid Ali Akbar, Esq., B.A., (Cantab.).
5. Habibur Rahman, Esq., M.A., LL.B., B.Sc. (London).
6. Mahmud Ali Esq., M.A.
7. E. Gideon, Esq.

Logic and Philosophy.

1. Nawab Sir Amin Jung Bahadur, K.C.I.E., C.S.I., LL.D., F.R.A.S.
2. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
3. Maulvi Abdul Bari Sahib.
4. Mutazid Waliur Rahman, Esq., M.A.
5. Mir Valiuddin, Esq., M.A., Ph.D. (London).
6. Salahuddin Esq., M.A. (Dacca).
7. Shiv Mohan Lal, Esq., M.A.

Mathematics.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc., (London).
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3. Kishen Chand, Esq., M.A., (Cantab.).
4. T. P. Bhaskaran, Esq., M.A., F.R.A.S.
5. Raziuddin Siddiqi Esq., B.A. (Cantab). Ph. D. (Gottingen).
6. Sayyid Muhammad Azam, Esq., M.A., B.Sc. (Cantab.).
7. Samiullah Shah, Esq., B.Sc. Hons. (Manchester) A.M. I.C.E. (London).

Physics.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc., (London).
2. Qazi Muhammad Husain, Esq., M.A., LL.B. (Cantab.).
3. Wahidur Rahman, Esq., B.Sc.
4. Nasir Ahmad, Esq., M.A., B.Sc.
5. Sayyid Muhammad Ali Khan Esq., B.Sc., Hons. (London).
6. G. C. Komeshwar Rao, Esq., D.Sc.

Chemistry.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc., (London).
2. Muzaffaruddin Qureshi, Esq., M.Sc., Ph.D., (Berlin).
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4. Khwaja Habib Hasan, Esq., M.Sc., (Leeds), F.C.S.
5. Mahmud Ahmad Khan, Esq., B.Sc.
6. Sayyid Husain, Esq., M.Sc., Ph.D. (London).
7. Ram Rao Pervatikar, Esq., M.A.

Biology.

1. Lt. Col. Farhat Ali, M.B., Ch.B., (Edin.).
2. S. W. Hardikar, Esq., M.D. (Edin.).
3. Sayeeduddin, Esq., B.Sc., M.A. (Edin.)
4. Abdul Bari, Esq., B.Sc.
5. B. K. Das, Esq. D.Sc., (London).
6. Muhammad Rahimullah, Esq., B.Sc.
7. Captain K. N. Waghray, M.B.B.S. M.R.C.P. (England).

Board of Domestic Economy.

1. Miss Amina Pope, L.R.A.M., A.R.C.M., (Lond.), M.A., D.Litt. (Allahabad), S.C.A. A. (Lisbon).
2. Mrs. M. Engler M.A., L.T.
3. Miss G. M. Linnell.
4. Mrs Abdul Qaiyum Khan
5. Miss Saifullah Khan
6. Mrs. Hosain Ali Khan
7. Mrs. R. V. Pillai

Muslim Theology.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London)
2. Maulvi Abdul Qadir Sahib.
3. Maulvi Manazir Ahsan Sahib Gilani.
4. Maulvi Abdul Bari Sahib.
5. Mufti Abdul Latif Sahib
6. Muhammad Elyas Burney, Esq., M.A. L.B.
7. Abdul Haq, Esq., B. Litt., B. phil (Oxon).

Morals.

1. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D., (Heidelberg).
2. Zahiruddin Ahinad, Esq., D.Litt. (Egypt).
3. Yusuf Ali Esq., M.A.
4. R. Subba Rao, Esq.
5. Pandit H.ri Har Shastri.
6. Muhd. Elyas Barney Esq., M.A., LL.B. (Allahabad).

BOARD OF AUDIT.

(For 1343 *Fasli*).

1. Nawab Fakhr Yar Jung Bahadur, B.A.
2. Nawab Nazir Yar Jung Bahadur, M.A., LL.B.
3. Kishen Chand, Esq., M.A., (Cantab.).

4. SUCCESSION LISTS.

Chancellors.

1328-1329 F. (1918-1919)	The Prime Minister.
1330 Fasli (1920 A.D.)	Sir Sayyid Ali Imam, K.C.S.I.
1331 Fasli (1922 A.D.)	Nawab Sir Faridoon Mulk Bahadur, K.C.S.I., C.S.I., C.B.E.
1333 Fasli (1924 A.D.)	Nawab Wali-ud-Daula Bahadur.
1336 Fasli (1926 A.D.)	Maharaja Sir Kishan Pershad Bahadur, Yamin- us-Saltanat, G.C.I.E.

Vice-Chancellors.

1328 Fasli (1918 A.D.)	Maulvi Habibur Rahman Khan Sahib Sherwani (Nawab Sadr Yar Jung Bahadur).
1330 Fasli (1920 A.D.)	Nawab Wali-ud-Daula Bahadur.
1333 Fasli (1924 A.D.)	Educational Member, Executive Council.
1336 Fasli (1926 A.D.)	Nawab Wali-ud-Daulah Bahadur.

Secretaries, University Council.

1328 Fasli (1918 A.D.)	A. Hydari, Esq., B.A., (Nawab Sir Hydar Nawaz Jung Bahadur).
Far. 1329 F. (Feb. 1920)	Sir Sayyid Ross Masood, Esq., B.A., (Oxon.), Barrister-at-Law, (Nawab Masood Jung Bahadur).
Khd. 1329 F. (April 1920)	A. Hydari, Esq., B.A., (Nawab Sir Hydar Nawaz Jung Bahadur).
1330 Fasli (1921 A.D.)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1332 Fasli (1922 A.D.)	Nawab Akbar Yar Jung Bahadur.
1336 Fasli (1927 A.D.)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1338 Fasli (1929 A.D.)	Nawab Akbar Yar Jung Bahadur.
1342 Fasli (1933 A.D.)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.

Registrars.

1328 Fasli (1919 A.D.)	Sayyid Muhiuddin, Esq., B.A., Barrister-at-Law.
1329 Fasli (1920 A.D.)	H. A. Ansari, Esq., B.A.

5. THE ROYAL CHARTER.

[Promulgated with His Exalted Highness' august Firman dated the 16th Zilhijja 1337 Hijri (17th Aban 1327 F.. 22nd September 1918) published in Gazette Extraordinary, Volume XLIX, No. 64 of the 30th Aban 1327 Fushl (5th October 1918)].

Whereas the prosperity and well-being of our devoted and loyal subjects are the objects of our most earnest solicitude, and whereas these objects can be secured only when the existing organisation of education in our Dominions is freed to an appreciable extent from the control of outside Universities, and higher education is organised within the State, with reference to local needs and conditions : We are pleased to order :-

1. that a University called the Osmania University be established at Hyderabad on the first day of Muharram 1337 Hijri.

2. the object of the Osmania University is to impart higher education, and further research in and promote the study of religion, morals, literature, philosophy, science, history, medicine, law, agriculture, commerce, and other branches of useful knowledge, and useful arts and industries.

3. the chief characteristic of the Osmania University will be that instruction will be imparted in all branches of learning through the medium of the Urdu language while a study of the English language and literature will be compulsory.

4. The University shall have power—

(a) to provide for instruction in all such branches of learning as the University may decide and also for research, and for the advancement and dissemination of knowledge.

(b) to grant to and confer degrees and other academic distinctions on persons who shall have pursued a prescribed course of study in, and passed the examinations held by the University.

(c) to grant diplomas, certificates or other distinctions to persons who have pursued a course of study under conditions approved by the University.

(d) to admit graduates of other Universities to degrees of the same or similar rank.

(e) to confer honorary degrees, or other distinctions.

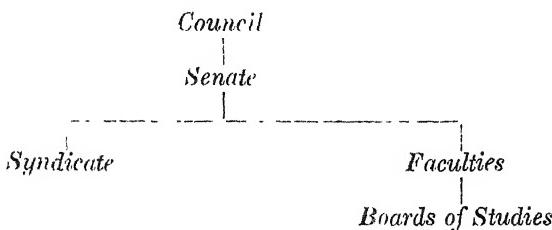
(f) to withdraw or cancel degrees, diplomas, certificates or other distinctions granted or conferred, and

(g) to exercise all such other powers and to do all such other acts as may be required in order to further the objects of the University and to carry on its work.

5. The University shall be able and capable in law to take, purchase, and hold any property movable or immovable which may become vested in it for the purpose of the University by purchase, grant, testamentary disposition or otherwise, and shall be able and capable in law to grant, demise, alien or otherwise dispose of, all or any of the property movable or immovable belonging to the University; and also to exercise such other powers and do other acts incidental or appertaining to a body corporate.

6. The University shall be able and capable to establish colleges on its initiative, or to exercise all of its powers with regard to colleges founded for it or transferred to its control, or to those to which it recognises as colleges, and all these shall be deemed to be its constituent colleges.

7. The organization of the University will be as follows : -



8. We shall be pleased to be the Patron of the University, and the other officers and executive bodies shall be as follows :-

(1) The Chancellor.—The Chancellor shall be the highest controlling authority of the University and may at any time direct an inspection and supervision of the University institutions, including buildings, laboratories and other appurtenances generally, and to direct the inspection of one or all of these for the purpose of seeing that the proceedings of the University are in conformity with this Charter and the rules framed thereunder.

The Chancellor may also by order in writing annul any proceedings which is not in his opinion in conformity with this Charter and the rules framed thereunder.

His Excellency the Minister shall be the ex-officio Chancellor of the University.

(2) The Vice-Chancellor.—The Assistant Minister of Education or the officer charged with the administration of the University shall be the Vice-Chancellor of the University and he shall take rank in the University next to the Chancellor.

He shall exercise general supervision over the educational arrangements of the University, and it shall be his duty to see that the provisions of this Charter and the rules framed thereunder are faithfully observed.

If any emergency arises the Vice-Chancellor shall be empowered to pass such orders or to take such action as he deems necessary and intimate the fact to the officer who in the ordinary course would have dealt with the matter.

(3) The Council.—*The Executive Government of the University including the general superintendence and control over the Constituent Colleges shall be vested in the Council; provided that the Government may by rules framed in this behalf from time to time reserve to themselves such powers relating to the appointment, punishment, removal and leave of the officers as they may deem fit.*

The Council shall consist of not less than nine and not more than eleven members excluding principals of Constituent Colleges and shall comprise :-

- (i) *His Excellency the Minister.*
- (ii) *The Assistant Minister, Education, or the Officer charged with the Administration of the University.*
- (iii) *The Assistant Minister, Ecclesiastical Department.*
- (iv) *The Assistant Minister of Finance.*
- (v) *The Secretary to Government, Education Department.*
- (vi) *The Director of Public Instruction.*
- (vii) *The Principals of Constituent Colleges.*
- (viii) *The remaining members appointed by the Government.*

The Secretary to the Government, Education Department will be the Secretary to the Council.

(4) The Senate.—*The Senate shall, subject to this Charter and the rules framed thereunder, have the entire charge of the organization of instruction in the University and the Constituent Colleges, the curriculum, and the examination and discipline of students and the conferment of ordinary and honorary degrees.*

The Senate shall consist of such number of members not less than forty and not more than seventy as may be fixed from time to time by the Chancellor. Such members shall be styled Fellows and shall hold office for a term of two years and their powers and duties shall be set forth in detail in the rules.

The first members of the Senate shall be appointed for that period by Government.

After the lapse of the said term of two years, the Senate shall be composed of—

(a) *The Vice-Chancellor and the other members of the Council mentioned in Section (3).*

(b) *The University Professors.*

(c) *Four members elected by the Senate, two from the list of registered graduates and two from members of the Faculties.*

(d) *The remaining members nominated by the Chancellor provided that the election and nomination of persons as Fellows shall be so regulated as to secure in the Senate a majority of persons connected with or following the profession of education.*

(5) *The Syndicate. —The Syndicate will be the business committee of the Senate and will consist of not less than 5 nor more than 7 members of the Senate, and its powers and duties shall be set forth in detail in the rules.*

(6) *Faculties. —These will be academical Committees of the Senate, entrusted with the framing of curricula and arranging for examinations and other matters. These Committees will be appointed from time to time in accordance with rules framed hereafter, and for each branch of knowledge there will be a separate Faculty. The University shall include at present the Faculties of Arts and Theology.*

Each Faculty shall be composed of not less than 12 nor more than 16 members of whom at least two in excess of half the number shall be from the Professors of the University.

Each Faculty shall elect from among its members a Dean.

1 Faculty shall have power to consider and report on any matter referred to it by the Senate or by the Council.

(7) *Boards of Studies.—There shall be a Board of Studies in Theology and for every branch of knowledge.*

The members of the Board shall be recommended by the Faculties to the Senate and on its recommendation appointed by the Council and shall consist of University Professors and other persons possessing special knowledge of the subjects dealt with by the Boards to which they are appointed.

The duties of the Boards shall be to recommend to the Faculties text-books for study and for translation, courses of study and examiners in their respective departments,

and generally to advise in all matters referred to them by the Council or by the Faculty to which they belong.

- (8) **Board of Audit.** *This Board will be empowered to audit all the accounts of the University and of its property, etc. It shall be appointed every year by the Senate and shall consist of three Fellows not being members of the Council. The accounts of the University shall also be audited on behalf of Government every year, by an officer appointed for the purpose by Government, the interval between each audit being not more than 15 months.*

The Government auditor shall have access to all the accounts and offices of the University.

- (9) **Registrar.** *The Registrar shall also be Secretary to the Senate and the Syndicate. The Registrar may be a member of the Senate or Syndicate but shall not be a member of the Council.*

The Registrar shall be appointed by Government on the recommendation of the Council but the first Registrar shall be appointed by Government.

- (10) **Other persons and bodies in the rules in force.**

9. *The Council may, subject to the provisions of this Charter and the rules in force, appoint Committees consisting of Fellows of the University and also, if the Council think fit, of persons who are not Fellows of the University, and may delegate to such Committee such duties as they think fit, as regards administrative or other matter, affecting the University or any particular Faculty or Department, or the management or supervision of any building or the property of the University.*

The Senate, the Faculties and the Boards of Studies, shall be similarly empowered to appoint such committees within their respective spheres.

10. *The University shall, in the discharge of its function, use a seal, the design of which has been approved by us.*

11. *Subject to the provision of this Charter and the rules in force, the Council may from time to time make any rules and regulations required for carrying out all or any of the purposes of this Charter.*

The Council may from time to time make additional rules or amend or repeal the rules in force, but all new rules and additions to the rules and all amendments and repeals of the rules shall, before they come into effect, require the previous approval of the Government who will be empowered to pass suitable orders thereon.

The first rules shall be framed and enforced by Government.

12. *The Senate shall have power to draft and propose to the Council rules to be made by the Council and it shall be the duty of the Council duly to consider the same.*

13. All grants made by Government from time to time and all sums paid or endowments made by private persons or local authorities, for the purposes of the University shall form a fund styled "the University Fund" which shall be at the disposal of the University to be employed for any of the purposes set forth in this Charter.

14. The Council shall have prepared and laid before the Senate every year, accounts of receipts and expenditure of the University. The budget after consideration by the Senate shall be submitted to Government and it shall be competent to Government to pass suitable orders on it.

15. The duties and powers of the University and its executive officers and bodies shall be set forth in further detail in the rules.

(By Order)

A. HYDARI,

SECRETARY TO GOVERNMENT,
Judicial, Police & General Departments.

6. REGULATIONS OF THE OSMANIA UNIVERSITY.

CHAPTER I.

PRELIMINARY DEFINITIONS.

Definitions.—In these rules unless there is something repugnant to the subject or context :—

“THE CHARTER” means the “ROYAL CHARTER” dated the 16th Zilhijja 1336 Hijri.

“CLEAR DAYS” means a period exclusive of both the first and last days.

“THE JARIDAH” means the Jaridah-i-Alamia Sarkar-i-Ali, *i.e.*, His Exalted Highness the Nizam’s Government Gazette.

“THE RULES” means the rules of the Osmania University for the time being in force.

“THE UNIVERSITY” means the Osmania University.

“RESOLUTION” means an original Proposal.

“MOTION” means any proposal moved either in the shape of a resolution or amendment.

All words or expressions used in these Rules and defined in the Charter shall invariably bear the signification established by these definitions.

Notices.—Any notice, intimation or information required to be given, and any paper, minutes or proceedings required to be sent, to any person under the Rules shall, unless otherwise provided, be considered as despatched if it is sent to the address of that person, or forwarded by post.

Addresses.—Every Fellow of the University shall give an intimation of his address or change of address to the Registrar who shall keep a record in his office of the addresses of all Fellows. The last address communicated to the Registrar shall be deemed the correct address in each case.

CHAPTER II.

THE VICE-CHANCELLOR.

1. The Vice-Chancellor shall have the power to convene meetings of the Council and the Senate and to perform all such acts as may be necessary to carry out or further the object of the Royal Charter and the rules thereunder.

2. If an emergency arises which in the opinion of the Vice-Chancellor requires immediate action, the Vice-Chancellor shall take such steps as he deems necessary and report the fact to the authorised officer who, in ordinary course, would have dealt with the matter.

3. In matters which are not touched upon in the Royal Charter or the Rules and in which he considers a reference to Government necessary, the Vice-Chancellor may make such reference to Government on such matters.

CHAPTER III.

THE COUNCIL.

4. The nominated members of the Council shall hold office for a term of three years. Such memberships as fall vacant from time to time will be filled up by the Government. A member of the Council whose term has expired shall be eligible for re-nomination.

5. The Council shall submit to Government without delay copies of the proceedings of the Senate.

6. The Council shall meet ordinarily once a month and at other times when convened by the Vice-Chancellor. The Vice-Chancellor or in his absence, the senior member present, shall preside at the meetings.

7. Half the number of members shall constitute a quorum, fractions being counted as whole numbers. All questions shall be decided by a majority of votes of the members present.

8. In accordance with the provisions of the Royal Charter and the Rules made in pursuance thereof, the Council shall, in addition to the powers vested in it, also exercise the following powers, *viz* :—

- (a) To determine from time to time the number of professors, assistant professors, etc., and other members of the teaching staff and the office establishment of the University and its constituent colleges.
- (b) In the case of appointments, within their power of disposal, to delegate, subject to the general control of the Council, the power of appointment to such authority or authorities as the Council may from time to time by general or special resolution direct.
- (c) To organise and regulate the finances, accounts, investments, property, business matters, and all other administrative works of the University and for that purpose to appoint such agents as they may think fit.
- (d) To invest any money belonging to the University including any unutilized income in stocks, funds, shares and securities or in the purchase of immovable property and to alter such investments from time to time.
- (e) To transfer or accept transfer of any movable or immovable property on behalf of the University.

- (f) To provide buildings, lands, furniture and apparatus and other accessories needed for carrying on the work of the University.
- (g) To enter into, alter and cancel, contracts on behalf of the University.
- (h) To entertain, adjudicate upon and redress any grievances of the professors, the teaching staff, the graduates, the undergraduates and the University servants, who may for any reason feel aggrieved.
- (i) To maintain a register of donors to the University.
- (j) To draft rules as and when they see fit and submit the same to the Government for consideration and approval.

The following additional powers were delegated to the Council in accordance with His Exalted Highness the Nizam's Firman, dated the 20th Rajab 1340 Hijri, 16th Ardibehisht 1331 F. 20th March 1922 :-

- (1) To transfer any expenditure from one sub-head to another.
- (2) To sanction all kinds of leave to any officer, whose leave the Principal, the Registrar or the Curator is not authorised to sanction, and also to cancel the same.
- (3) To sanction *amal-i-taynati* from one office of the University to another.
- (4) To change the designation of any non-gazetted appointment.
- (5) To sanction arrears of pay or travelling allowance due to an officer of the University for any period.
- (6) To depute officers of the University to places outside the Dominions to attend Scientific Conferences, to study the working of other Universities or to purchase stores or apparatus for the University or for any other purpose in the interests of the University.
- (7) To sanction the payment of full salary to the officiating officer, when the permanent incumbent avails of extraordinary leave.
- (8) To commute absence without leave into leave of any kind to which an officer is entitled under the Rules provided the period of absence does not exceed six months.
- (9) To sanction furlough (*rukhsat-i-khangi*) to officers of the University up to a limit of three years for purpose of study irrespective of the length of their services.

- (10) To sanction holidays and vacations for the colleges and offices of the University or to close the colleges and offices during epidemics.
- (11) To sanction rates of remuneration for books translated on piece-work.
- (12) To sanction extension in the services of officers of the University up to a limit of 60 years.
- (13) To start a newly appointed officer on a salary above the minimum pay of the grade.
- (14) Notwithstanding anything to the contrary in Articles 113 and 117 of the Civil Service Regulations, the Council of the Osmania University will be competent to sanction allowances for plural appointments in the colleges or offices of the University subject to the general condition that the cost of these arrangements should on no account exceed the provision in the budget for the appointments.

N.B.--If the Financial Member differs in any financial matter from the view taken by the majority the case shall be referred to Government.

CHAPTER IV.

1. THE SENATE.

9. In accordance with the provisions of Section 8 (1, 2, 3, 4, 5 and 6 of the Charter) dated 16th Zilhijja 1336 Hijri (22nd September 1918), the Chancellor, the Vice-Chancellor, the Secretary to Government, Education Department, the Director of Public Instruction, the Councillors, the Deans of the Faculties of Theology and Arts and the Fellows of the University, shall have seniority and precedence first, in the order above specified down to the Deans: and secondly, according to their official precedence in the case of *ex-officio* Fellows and thirdly, in the case of the remaining Fellows according to the sequence of their original appointments.

10. The election of members shall be subject to the approval of the Chancellor.

11. The Chancellor may, on the representation of two-thirds of the members of the Senate, cancel the appointment of any person as a Fellow of the University, and as soon as such cancellation is notified in the *Jarida*, the said person shall cease to be a Fellow. When a member is charged with gross misbehaviour unfitting his office, the Senate will hear him or any other member nominated by him on his behalf before reporting the matter to the Chancellor.

12. Every Fellow elected and nominated under the Rules shall be eligible for re-election or nomination at the close of his term of office.

13. All casual vacancies among elected members shall be filled up by the body which elected the member who held the vacant membership.

2. POWERS OF THE SENATE.

14. In accordance with the provisions of the Royal Charter and Rules made in pursuance thereof, the Senate shall among other powers also have the following powers :--

- (a) To discuss and declare an opinion on any matter whatsoever relating to the University.
- (b) To suggest to the Council the removal of any professor or teacher of the University or the appointment of additional professors or other teachers.
- (c) To formulate, modify or revise schemes for the organization of the Faculties of the University and to assign to such Faculties their respective subjects and also to report to the Council regarding the expediency of the abolition, amalgamation or subdivision of any Faculty.
- (d) To institute and confer such degrees and grant such Diplomas, Licenses, Certificates, and other distinctions in respect of courses of study and examination as may be prescribed in the Rules.
- (e) To make rules regarding the academic apparel of graduates, holders of distinctions and officers of the University.
- (f) To fix, subject to conditions made by the founder and accepted by the University the rules and regulations, the terms of competition for fellowships, scholarships and other prizes and to award the same.
- (g) To report in any matter transferred or delegated to them by the Council.
- (h) To promote research within the University and to call for reports on the subject from time to time.
- (i) To maintain a Register of Graduates.

3. MEETINGS OF THE SENATE.

15. The Senate shall meet ordinarily once a year in the month of Amardad. If deemed necessary by the Vice-Chancellor, meetings may be convened at other times also. A copy of the proceedings of such meetings must be sent to the Council.

16. The Vice-Chancellor shall convene a meeting of the Senate on the requisition of any six Fellows.

17. Twenty members shall constitute a quorum and all questions shall be decided by a majority of votes of the members present.

18. Any member of the Senate shall be empowered to bring forward a resolution dealing with any matter pertaining to the proceedings of the Faculties or of the Syndicate or with any question concerning the budget or otherwise connected with the affairs of the University. Such resolution, if carried, shall be forwarded to the Council and the Council shall inform the Senate in due course of the action taken. Should the Senate be not satisfied with or disapprove of the course of action adopted by the Council, it shall have power to make a representation to Government on the subject.

19. Such proposals and amendments only as are immediately connected with the Osmania University and are in accordance with the Royal Charter shall be entertained and debated in the Senate.

4. THE CONVOCATION.

20. A convocation for conferring degrees shall be held on the fourth Monday in Azur or if that day happens to be a holiday, on the next working day, or on such other graduation day as may be appointed by the Chancellor or Vice-Chancellor.

21. Persons entitled to degrees and desirous of being admitted must apply in writing 10 days previously to the Registrar who will communicate their names together with the necessary certificates to the respective Deans of Faculties for submission to the Senate on the next graduation day.

22. The Senate will, on the motion of the Dean of each Faculty or in his absence, the senior member of the Faculty respectively pass, the necessary graces in that behalf and the persons so approved shall be presented to the Chancellor or Vice-Chancellor successively, the graduates in the Faculty of Theology taking precedence of those in Arts.

23. In special cases and at the discretion of the Syndicate candidates who have passed the examinations may be permitted to take their degrees in *absentia* on payment of an extra fee of Rs. 10.

5. NOTICE AND PROCEDURE.

24. Sixteen clear days before the day fixed for a meeting of the Senate, the Registrar shall forward to each member of the Senate a statement of all business to be brought before the meeting and containing the full text of each resolution proposed to be put before the Senate with the name of the proposer of each, a written intimation of which has previously been received by the Registrar. The inclusion of a report of any committee of the Senate in the Agenda paper shall be held to be equivalent to notice of a motion, for its adoption. Notice in

writing of proposed amendments and the terms thereof and of motions for any change in the order of business as set forth in the statement must be forwarded so as to reach the Registrar five clear days before the meeting. The Registrar shall, two clear days before the meeting, forward to each member of the Senate a statement of all motions and amendments, and no motion or amendment of which such previous notice has not been given, shall be put to the meeting. The following motions may, however, be proposed without a previous entry in the Agenda paper :—

- (a) A motion for dissolution, adjournment or suspension of the sitting to pass to the next business on the Agenda paper.
- (b) A request to the Council to reconsider a question; or a direction to the Syndicate to review their decision.
- (c) A motion remitting the matter under consideration to the Syndicate or to Faculty for report, or
- (d) An amendment admitted by the Chairman as purely formal.

6. ORDER OF BUSINESS.

25. The members shall, before they take their place, register their attendance in a book placed for the purpose at the entrance of the place of meeting.

26. Fifteen minutes after the time prescribed for the meeting, the Chairman shall ascertain whether there are twenty members present; if this number be not present, the meeting shall forthwith be adjourned to such a date as the Chairman may fix. Such adjournment shall be recorded by the Registrar under the signature of the Chairman. In case of a meeting adjourned for want of quorum, no quorum will be required to pass the adjournment.

27. At every meeting, unless the meeting, by special vote, otherwise determine, the order of business shall be as follows :—

- (a) The election of the Chairman if such election forms part of the business.
- (b) The signing of the minutes of the previous meeting or the meeting under adjournment.
- (c) The election of any official of the University, if such election forms part of the business of the meeting.
- (d) Any motion for a change in the order of business.
- (e) Such business and motions of which notice has been given according to the rules in the order in which such business and motions are entered in the Agenda Paper, and also motions to be brought forward subject to the provisions of this Rule and Rule 24.

7. RULES OF DEBATE.

(1) *Motions.*

28. Every motion shall be affirmative in form and shall begin with the word "that."

29. Every motion shall be moved by the member in whose name it stands on the Agenda Paper; if he is absent or declines to move, it may be moved by any other member.

30. Every motion at a meeting must be seconded otherwise it shall drop. The seconder of a motion may reserve his speech.

31. When a motion has been seconded it shall be stated from the chair.

32. When a motion has thus been stated it may be discussed as a question to be resolved in the affirmative or as proposed to be changed by amendment.

When before or after debate no member rises to speak to the motion the chairman shall proceed to put the question to the vote in the manner hereinafter explained.

33. A substantive proposal once brought forward shall not be proposed a second time at the same meeting or at any adjournment thereof. A proposal substantially identical in part with one already disposed of at the same meeting or adjourned meeting, may be brought forward with the omission of such part.

34. Not more than one proposal and one amendment thereto shall be placed before the meeting at the same time. Each amendment shall be disposed of before the next is moved. All amendments which are not withdrawn under Rule 43, or which do not violate Rule 36, shall be debated and voted upon. In case no notice of amendment under Rule 24 has been given, the Senate shall proceed to consider and to vote upon the bare proposal.

(2) *Amendments.*

35. No amendment shall be proposed which would reduce the original proposal to its negative form.

36. No amendment shall be proposed which raises a question already disposed of by the meeting or is adverse to any resolution passed by it.

37. The order in which amendments to a proposal are to be brought forward shall be determined by the chairman in view of their object and logical interrelation.

38. An amendment, the substance of which has been disposed of in part, may be modified by its proposer so as to retain only the parts not so disposed of.

39. When an amendment has been moved and seconded it shall be stated from the chair and then the debate may proceed on the original proposal and the amendment together; but if the question raised by the amendment is one on which a member has not yet spoken he may speak to that question though he had spoken to the original question or a previous amendment.

40. Every amendment shall be proposed in such form as may enable the modification of the original motion in any or all of the following ways:—

- (1) by addition of words;
- (2) by deletion of words;
- (3) by substitution of words.

and the mover may state how exactly the motion or the part thereof affected would stand when so amended.

41. If any amendment is so carried it shall become part of the motion before the Senate and the motion shall be modified accordingly.

42. When all the amendments of which due notice has been given, have been considered, the original motion or original motions as amended in the course of debate shall be placed before the Senate and put to the vote without further discussion.

(3) Withdrawal of a Question.

43. No motion shall be withdrawn from the decision of the Senate without its unanimous consent. If the mover states his wish to withdraw a proposal or amendment and if no dissent is expressed during the interval allowed by the Chairman for the purpose, the Chairman shall declare that the question is withdrawn with the consent of the Senate.

(4) Resolution of the Senate into a Committee.

44. The Senate may when it thinks fit resolve itself into a Committee to consider any item which may be on the Agenda Paper. A motion for the resolution of a meeting into a Committee may be made by any member at any time—but not so as to interrupt a speech—without the notice required under Rule 24. Such motion, however, can only be placed before the Senate for consideration if the Chairman has permitted it. No speech shall be allowed in moving such motion. No such motion shall be considered unless fifteen members rise in support thereof. The motion having thus been duly seconded shall be put to the meeting without further discussion and shall only be carried if two-thirds of the members present vote in its favour,

45. When the Senate decides in this manner to resolve itself into a committee the Chairman shall be the same as for the meeting of the Senate and the quorum shall be the same as for the meeting of the Senate.

The manner in which the discussion of the matter under consideration shall be conducted shall be left to the discretion of the Chairman.

When in the opinion of the Chairman the matter has been sufficiently discussed the committee shall embody its conclusions in a report to be signed by the Chairman. The period during which the Senate is sitting in the committee shall be considered as a suspension of the sitting of the Senate and immediately the committee terminates the Senate shall be again called to order by the Chairman and report of the Committee's deliberations presented to it by the Registrar. If a resolution passed by the Committee involves recommendations not covered by the original motion and the amendments to that motion on the Agenda of the meeting they shall not be considered by the Senate until notice of these has been given as required under Rule 24, and the meeting of the Senate shall be adjourned to allow such notice being given. A motion made as a result of the deliberations of such a Committee may be presented to the Senate without previous consideration by the Syndicate.

(5) *Adjournments, etc.*

46. A proposal "that this meeting be now dissolved" may be moved at any time as a distinct question but not as an amendment nor so as to interrupt a speech. If the motion is carried the business before the meeting shall drop.

47. A proposal "that the meeting be now adjourned" to some specified time, may be moved at any time as a distinct question but not as an amendment nor so as to interrupt a speech. The Chairman himself can however make such a proposal while a member is speaking. If such proposal be negatived the debate shall be resumed. The same rule will apply to the meeting of the Senate in Committee.

48. No amendment shall be moved to a proposal under last preceding Rule except one for substituting a different time for that to which it is proposed to adjourn the meeting.

49. A meeting renewed or continued after an adjournment is to be deemed one with that preceding the adjournment provided that if the meeting be adjourned to such date as to admit of the notice required under Rule 24, any amendments otherwise in order may be moved at any adjourned meeting if the notice so required is duly given.

50. The motion "that the meeting pass to the next business on the statement" may be made at any time as a distinct question but not as an amendment nor so as to interrupt a speech. If such a motion be carried the proposal under consideration and the amendments thereto shall not be further dealt with at the meeting.

51. No motion for the dissolution or for the adjournment of the meeting or for the suspension of the sitting or to pass to the next business, shall be made or spoken to during the debate by any member who has spoken in the debate. Any such motion shall take the place of any question that may be before the meeting and if not withdrawn must be disposed of before such question.

52. When a motion of the class contemplated in the last preceding Rule has been brought forward and negatived no other motion of that class shall be again brought forward until after the lapse of what the Chairman shall deem a reasonable time, nor shall a debate be allowed on such second or subsequent motion brought forward during a debate on the same proposal alone or the same proposal or amendment discussed together.

(6) *Miscellaneous.*

53. On each proposal or proposals and amendment in debate a member may speak once in accordance with the provisions of Rules 39 and 51.

54. The member who is first up at the conclusion of a speech has the right to be heard. In cases of competition the Chairman shall decide.

55. The mover of an amendment or when there is no amendment the mover of the original resolution may reply upon the debate before vote is taken; the mover of a motion for a dissolution or adjournment or for the suspension of the sitting or for the passing to the next business on the statement has, however, no right to reply.

56. No member shall speak to the question after the mover has entered on his reply.

57. The Chairman has the same right of moving or seconding a motion or amendment and of otherwise taking part in the debate as any other member. When the Chairman thus takes part in the debate he shall vacate the chair whilst he is addressing the meeting and the chair shall during such time be taken by the senior member present, not being the Chairman.

(7) *Points of Order.*

58. Any member may call the Chairman's attention to a point of order even whilst another member is addressing the meeting, but beyond stating the precise point of order raised,

he shall not make a speech. Such a call pronounced by the Chairman to be vexatious and any interruption or obstruction to the progress of the business before the Senate pronounced by the Chairman to be unseemly or unreasonable shall be deemed a breach of order.

59. The Chairman shall be the sole judge on any point of order and may call any member to order and if the member so called to order shall in speaking disregard such call the Chairman may direct him to sit down and thereupon another member may speak. In the event of any contumacious disregard of a ruling or call to order by the Chairman he may request the member so offending to leave the meeting and on such requisition being made to a member by name, he shall be suspended from his functions as a member during the meeting and shall be bound immediately to withdraw.

(8) *Voting.*

60. On putting any question to the vote the Chairman shall call for an indication of the opinion of the Senate by a show of hands in the affirmative and negative and shall declare the result thereof according to his opinion.

61. Any six Fellows may demand a division except on a motion for which under Rules 24 and 44 previous notice is not required.

62. In every division only such members as are present at the putting of the question shall be entitled to vote. Voting papers will be supplied by the Registrar and every voting paper shall be returned with or without the vote.

63. When the Chairman announces the division to be closed the Fellows shall state in writing the number on each side, sign the statement and hand it to the Chairman together with the voting papers arranged in two separate bundles.

The Chairman shall then declare the result of the division to the meeting and the result shall be recorded in the minutes.

64. If after a division five members present demand a recount the Chairman shall appoint two or more members to act with the Fellows who shall report the fact to the Chairman, and the latter shall thereupon declare the result which shall be conclusive.

65. Pending the recount the Chairman may either suspend the sitting or call for such business as may in his opinion be most conveniently proceeded with. But on the disposal of the business thus entered on the regular order of subjects if it had been departed from shall be resumed.

(9) *Record of Proceedings.*

66. A journal shall be kept by the Registrar containing a brief abstract of the proceedings of the Senate. The journal shall be submitted as soon as possible after each meeting to the Chairman for his confirmation and signature.

67. Within three weeks after a meeting of the Senate, the Registrar shall, under the direction of the Syndicate, post a printed copy of the minutes of such meeting attested by the Chairman to the address of each member.

68. If no exception is taken by a member who was present at the meeting to the correctness of the minutes within ten days of posting by the Registrar they shall be deemed to be correct.

69. If any exception be taken within the time aforesaid the attention of the Chairman shall be called to the portion of the minutes objected to and he shall make such alterations as he may find to be necessary.

CHAPTER V.

THE SYNDICATE.

70. Two members of the Syndicate shall be nominated by the Council and the rest elected by the Senate.

71. Three members shall form a quorum.

72. The President of the Syndicate shall be nominated by the Council from among the Syndics.

73. It shall be the duty of the Syndicate :-

(a) To order examinations in conformity with the Rule and fix dates for holding them.

(b) To fix the fees, emoluments, travelling and other allowances of Examiners and Moderators.

(c) To consider and make such reports or recommend such action as it deems fit on financial and business matters brought forward by the Members of the Senate and Faculties for consideration by the Senate.

(d) To prepare such forms and registers as are from time to time prescribed by the Rules.

(e) To make all the necessary arrangements for publication of the books, etc., brought out under the auspices of the University.

CHAPTER VI.

THE FACULTIES.

74. The Faculties shall be constituted every two years and the members will be elected by the Senate.

75. The Dean of a Faculty shall hold office for two years till the next re-constitution of the Faculty. He shall preside at the meetings of the Faculty.

76. A Faculty shall have power :—

- (a) To draft rules in regard to courses of study and examinations prescribed by the University and to lay such rules before the Senate in order that they may be brought before the Council for ratification.
- (b) To remit any matter to a Board of Studies comprised within the Faculty for consideration and report.
- (c) To consider any report or recommendation of any Board of Studies comprised within the Faculty.
- (d) To hold meetings of the Faculty or a Committee of the Faculty along with any Faculty or a committee thereof for the discussion of any matter of common interest.
- (e) To appoint Examiners and Moderators.
- (f) To determine finally the results of the examinations on the recommendations reported by a meeting of all Examiners for each examination.
- (g) To determine the award of stipends, scholarships medals, prizes and other rewards in conformity with the Rules and the conditions prescribed for their award.
- (h) To determine courses of study and lists of text-books to be prescribed or recommended for study or translation.

CHAPTER VII.

THE BOARDS OF STUDIES.

77. The following will be the Boards of Studies :—

- English Literature.
- Compulsory Theology.
- Arabic Literature.
- Sanskrit Literature.
- Persian Literature.
- Latin Literature.
- Urdu Literature.
- Marathi Literature.
- Telugu Literature.
- Kanarese Literature.
- Tamil Literature.
- French Literature.

History, including at least one member each for Indian History and Muslim History, and Political Science.

Economics and Sociology.

Mathematics.

Physical Science (Physics and Chemistry).

Natural Science (Geology, and Biology).

Mental and Moral Philosophy, including at least one member each for Muslim Philosophy and Hindu Philosophy,

Domestic Science.

78. A member of a Board of Studies shall hold office for two years and shall be eligible for reappointment.

79. No Board shall consist of more than seven or less three members. The head of the Department concerned will be an ex-officio member of the Board, and in addition to him, the Faculty may elect five members of the Board. The Senate may, if it thinks it necessary, elect a seventh. Three members will form a quorum.

80. Each Board shall elect its own Chairman.

81. Any Board may co-opt specialists who are not members of the Board. But such member will not be entitled to vote.

82. Members of the Boards of Studies shall be solely responsible for seeing that there is nothing in any book prescribed for study which is calculated to wound the religious sentiments of any section of His Exalted Highness' subjects, no exception however being taken to minor differences of opinion which are inevitable. There shall be at least one Musalman on the Boards conversant with the language and competent to express an opinion on the books from a religious and Islamic point of view. Rules for the guidance of the members of the Boards of studies shall be as follows :—

1. All books prescribed for study should be free from passages containing improper remarks concerning founders of religions or passages likely to cause offence to followers of any religion or prejudicial attacks on any religion.

2. Islamic religious books included in the curriculum to be entirely free of any teaching contrary to the established beliefs of Muslims.

3. But the following will not be held objectionable provided there is no unseemly attack on any religion :—

(a) *In books of Literature.*—

Verses in praise of wine, etc., showing a disregard

of *Shariat* (مختارات رندازه) and poetic fancies (نخلات شاعرانہ)

(b) *In books of Philosophy.*—
Questions of Philosophy.

(c) *In books of History.*—

The religious ideas and narratives of the followers of other religions or narratives of their achievements from a historical point of view.

CHAPTER VIII.

FINANCE.

(1) *The Board of Audit.*

83. The Board shall meet ordinarily once every month and at other times when convened by the Vice-Chancellor.

84. The Board shall examine and audit the University accounts, the endowments and trust funds accounts, consider ways and means and the financial effects of any important measures in contemplation and make recommendations when necessary to the Senate on all matters relating to the finance of the University. It shall also make an annual report to the Senate on noteworthy points regarding the income and expenditure during the last preceding year. Copies of all reports and recommendations of the Board of Audit shall be sent to the Council by the Senate. The Members of the Board shall have access to all the accounts and other records of the University.

85. Members of the Board shall hold office until the next annual meeting of the Senate. They shall be eligible for re-appointment at the expiration of their term of office. All vacancies in the Board occurring in the course of the year shall be filled up by the Senate.

(2) *Government Audit.*

86. The accounts of the University shall be audited at least once in every year and at intervals of not more than fifteen months by auditors appointed by Government.

87. The auditors shall for the purposes of their office have access to all the accounts and other records of the University.

88. The accounts when audited shall be published together with the auditors report in such form as may be prescribed by Government and a copy thereof shall be submitted to Government.

CHAPTER IX.

OFFICERS AND SERVANTS OF THE UNIVERSITY.

89. The Registrar will hold office during the pleasure of the Government but may be removed on the recommendation of a two-thirds majority of the members of the Council.

90. It shall be the duty of the Registrar :

- (a) To be the custodian of the records, library, common seal and such other property of the University as the Council shall commit to his charge.
- (b) To attend as far as possible all meetings of the Senate and the Syndicate and any committees appointed by the Senate and to keep minutes thereof.
- (c) To conduct the official correspondence of the Senate and the Syndicate.
- (d) To issue all notices concerning meetings of the Senate, Faculties, Syndicate, Boards of Studies, Boards of Examiners and any committees appointed by the Senate, the Faculties, or any of the Boards of Studies.
- (e) To conduct all the administrative duties of the Translation Bureau.
- (f) To perform such other duties as may from time to time be prescribed by the Council and generally to render such assistance as may be desired by the Council in the performance of its official duties.

91. The scale of establishment for the office of the University shall be fixed by the Council from time to time.

92. The Registrar shall have power to fine, suspend and grant leave to all non-gazetted servants of his own office and make appointments up to Rupees 100.

CHAPTER X.

EXAMINATIONS.

93. No one shall be permitted to enter the University in order to study for the Intermediate Examination unless he has passed the Matriculation Examination of this University or the School Leaving Certificate Examination or the Matriculation Examination of any other Indian or English University.

94. No one will be admitted to join the University to study for the B. A. and other degrees unless he has passed the Intermediate Examination of this or any other Indian or English University

(By order)

A. HYDARI,

SECRETARY TO GOVERNMENT,
Judicial, Police and General Departments.

7. SUPPLEMENTARY RULES.

I. ELECTION OF MEMBERS OF THE SYNDICATE BY THE SENATE.*

The following procedure shall be adopted in the election of the members of the Syndicate by the Senate under Regulation 70.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Chancellor may appoint in this behalf.

2. Not less than ten days before the meeting the names of members who are proposed by any Fellow for election as members of the Syndicate shall be submitted in writing to the Registrar, who shall circulate the names to the members of the Senate at least four days before the meeting.

3. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

4. The election shall take place at the meeting of the Senate upon the date so fixed, and the voting shall be by ballot.

5. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N. B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

II. ELECTION OF MEMBERS OF THE FACULTIES BY THE SENATE.†

The following procedure shall be adopted in the election of the members of the Faculties by the Senate under Regulation 74.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Vice-Chancellor may appoint on this behalf.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

† Received the assent of H.E.H.'s Government on the 22nd Ardibehisht 1333 F. (26th March 1924).

2. The Syndicate shall, in the first instance, draw up a list of persons whom they recommend for appointment to the various Faculties. This list shall be circulated among the members of the Senate by the Registrar not less than sixteen clear days before the meeting. Any member of the Senate may then propose additional names for any of the Faculties, which must be sent to the Registrar nine clear days before the meeting. These names, together with the original list shall be circulated among the members of the Senate five clear days before the meeting and no additional names shall be received.

3. At the meeting of the Senate, the entire list shall be voted on Faculty by Faculty, and every member shall be declared to be appointed who obtains votes from a majority of the members of the Senate voting for the Faculty under appointment. The voting shall be by ballot.

In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Vice-Chancellor with whom the final selection shall rest.

III. ELECTION OF TWO FELLOWS FROM THE MEMBERS OF THE FACULTIES.*

The following procedure shall be adopted in the election of two Fellows by the Senate from the members of the Faculties who are not already members of the Senate. One of these members shall be elected from the Faculty of Arts and the other from the Faculty of Theology.

1. Once in every year in the annual meeting of the Senate held in Amardad or on such date as the Chancellor may appoint on this behalf, there shall, if necessary, be an election to fill any vacancy among the two Fellows to be elected by the Senate from the members of the Faculties of Arts and Theology who are not already members of the Senate.

2. Intimation of the date fixed for election shall be sent to the members of the Senate at least twenty-five days in advance together with a list of the members of the Faculties who are not members of the Senate and each Fellow shall, on receipt of the notice, be entitled to propose the name of one person from the list for appointment as a Fellow. Such proposal must reach the Registrar fourteen clear days before the date fixed for election. The Registrar shall cause a list of the nominees to be printed and forwarded to the members of the Senate five clear days before the date fixed for election.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad, 1331 F.—9th April, 1921).

3. The election shall take place at the meeting of the Senate upon the date so fixed, and the voting shall be by ballot.

4. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N.B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

IV. ELECTION OF TWO FELLOWS FROM THE LIST OF REGISTERED GRADUATES.*

The following procedure shall be adopted in the election of two Fellows by the Senate from the list of registered graduates under Section 8 (1) (c) of the Charter of the Osmania University.

1. Once in every year in the annual meeting of the senate held in Amardad or on such date as the Chancellor may appoint in this behalf, there shall, if necessary, be an election to fill any vacancy among the two Fellows to be elected by the Senate from the list of registered graduates.

2. No person unless his name has been entered in the register of graduates and unless he has paid the fee for the year in which the election takes place shall be qualified to be elected at any election to be held under these rules.

3. Intimation of the date fixed for election shall be sent to the members of the Senate at least twenty-five days in advance together with a list of registered graduates and each Fellow shall on receipt of the notice, be entitled to propose the name of one person from the list for appointment as a Fellow. Such proposal must be accompanied by a brief statement of the special qualifications of his nominee and must reach the Registrar fourteen clear days before the date fixed for election. The Registrar shall cause a list of the nominees and of the statements to be printed and forwarded to the members of the Senate five clear days before the date fixed for election.

4. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

5. The election shall take place at the meeting of the Senate upon the date so fixed and the voting shall be by ballot.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

6. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N.B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

V. REGISTER OF GRADUATES.*

The Register of Graduates to be kept under Section 8 (4) (c) of the Royal Charter shall be in such form as the Syndicate may from time to time decide.

1. Any person belonging to any of the following classes who is ordinarily resident in the Dominions shall, subject to the payment of the prescribed initial fee, be entitled to have his name entered in the register on application :—

(a) Any Master or Doctor of the University or of an Indian, British, Colonial or American University, recognised for the purpose by the Council.

(b) Any Bachelor of at least six years' standing of the University, or of an Indian, British, Colonial or American University recognised for the purpose by the Council.

(c) Any Maulvi Fazil, Maulvi Kamil or Munshi Fazil of the Dar-ul-Ulum of at least six years' standing.

2. The initial fee payable by a graduate for having his name entered on the register shall be five rupees.

3. The fee payable by a graduate for having his name retained on the register shall be two rupees a year. Till such fee has been paid, no graduate shall be entitled to take part in any election or to enjoy any of the privileges conferred by the Regulations.

4. A graduate whose name has been already entered on the register may at any time compound for all subsequent payments of the annual fee by paying the sum of twenty rupees.

5. The name of any graduate entered on the register shall if the amount of the annual fee is not paid by the 30th of

* Approved by the Council of the University on the 18th Farwardi 1330 F., 19th February 1921.

Ardibahisht, be removed therefrom, but shall at any time be re-entered on payment of all arrears.

6. Registered graduates shall have, besides the right of electing two Fellows, the following privileges :—

- (a) They shall be entitled to the use of the University Library and Membership of the University Union.
- (b) They shall be admitted free to all lectures delivered by University Professors.
- * (c) They shall have priority of admission to the Convocation over unregistered graduates.

VI. ACADEMIC ROBES.

Chancellor.

Green silk gown with gold lace and tufts.

Vice-Chancellor.

Green silk gown with silver lace and tufts.

Fellows.

Dark green Alpaca gowns of the same shape as worn by the Masters of Arts of the University of Oxford, together with sash.

Graduates.

Gowns ..	.. Dark green Alpaca gowns of the same shape as that worn by the Bachelors and Masters of the University of Oxford.
Head Dress ..	.. Cream coloured shamla.
Hoods—Arts ..	.. Yellow.
Theology ..	.. Green.
Science ..	.. Dark Green.
Medicine ..	.. Grey.
Law ..	.. Scarlet.
Education ..	.. Light Blue.
Engineering ..	.. Purple.

Messrs. Parlitt & Co., Allahabad, have been appointed Robe-makers to the University.

VII. RULES OF PROCEDURE TO BE FOLLOWED AT THE CONVOCATION FOR CONFERRING DEGREES.*

1. The Chancellor, the Vice-Chancellor and Fellows shall assemble in the Senate room at the appointed hour. In the absence of the Chancellor, the Vice-Chancellor shall preside.

* Received the assent of His Exalted Highness the Nizam on the 29th Rabi-us-Sani 1343 Hijri, (3rd Dai 1334 F.—17th November 1924).

2 The graces of the Senate on behalf of the candidates for admission to the several degrees will be supplicated by the Deans of the various Faculties in the following order :—

Theology.
Law.
Medicine.
Engineering.
Education.
Arts.
Science.

3. The formula to be used for each grace shall be as follows :—

“ Chancellor, I move that a grace of the Senate be passed that those persons whom the Faculty of on the reports of the Examiners has certified to be qualified for the degree of be admitted to that degree.”

4. When all the graces have been passed the Chancellor, Vice-Chancellor and Fellows shall proceed in procession to the Hall in which the degrees are to be conferred.

5. The Chancellor and Vice-Chancellor shall appear in their official robes and the Fellows shall appear in the academic costume to which they are entitled in virtue of their degrees or in that prescribed for the Fellows of the University.

6. The candidates shall wear the gowns and hoods appropriate to their respective degrees and shall be arranged opposite to the Chancellor and the Vice-Chancellor.

7. On the procession entering the Hall, the candidates shall rise and remain standing until the Chancellor and the Vice-Chancellor and the Fellows have taken their seats.

8. The Chancellor, the Vice-Chancellor and the Fellows having taken their seats, the Chancellor or the Vice-Chancellor shall say : “ This Convocation of the Osmania University has been called to confer degrees upon the candidates who have been certified to be worthy of these degrees. Let the candidates stand forward.”

9. Then the candidates standing, the Chancellor or the Vice-Chancellor shall put to them the following questions to which the candidates will answer by the words “ *I do promise.*”

Question 1.—Do you promise and declare that if admitted to the degrees for which you are severally candidates, and for which you have been recommended, you will, in your daily life and conversation, conduct yourself as becomes members of this University ?

Answer.— I do promise.

Question 2.—Do you promise and declare that to the utmost of your opportunity and ability, you will use your powers for the furtherance of true learning?

Answer.— I do promise.

Question 3.—Do you promise and declare that, to the utmost of your opportunity and ability, you will use your powers in the service of your fellowmen?

Answer.— I do promise.

Question 4.—Do you promise that you will faithfully and diligently fulfil the duties of the profession to which you will eventually belong and that you will on all occasions maintain its purity and reputation?

Answer.— I do promise.

Question 5.—(*For the Faculty of Theology*). Do you promise and declare that to the utmost of your opportunity and ability, you will use your powers in the service of Islam and as a true Muslim?

Answer.— I do promise.

10. The Chancellor or the Vice-Chancellor shall then say “Let the candidates be presented.”

11. The candidates shall be presented in batches to the Chancellor or the Vice-Chancellor by the Deans of their respective Faculties, who shall say for each batch:—

“I present to you this (or these) candidate (or candidates)—read out names—and pray that he (or they) may be admitted to the degree of.....”

12. When all the candidates for the same degree have been presented the Chancellor or the Vice-Chancellor, in presenting the diplomas, shall say to the candidates who shall remain standing:—

“By virtue of the authority vested in me as Chancellor (or Vice-Chancellor) of the Osmania University, I admit you to the degree of.....in this University, and I charge you throughout your life, to prove worthy of this degree.”

13. When all the candidates have been presented, the Registrar shall lay the record of the degrees that have been conferred before the Chancellor or the Vice-Chancellor, who shall affix his signature thereto.

14. The Chancellor, the Vice-Chancellor, a Fellow of the University or a distinguished guest shall then address the candidates.

15. At the close of the address the Chancellor, the Vice-Chancellor and the Fellows shall rise, and the Chancellor or the Vice-Chancellor shall say: "I declare this Convocation dissolved."

16. Then the Chancellor, the Vice-Chancellor and the Fellows shall retire in procession to the Meeting Room, the graduates standing.

VIII.— RULES FOR CONFERRING DEGREES BEFORE CONVOCATION.

The Registrar or Vice-Chancellor has been empowered by special legislation to confer the degrees on such graduates in the presence of the Principal and such members of the teaching staff as can be conveniently present after charging them to be of good behaviour, etc., who proceed to the European Universities before the Convocation, provided they have been recommended by the Faculties.

IX. RULES FOR CONFERRING HONORARY DEGREES.*

1. When the Vice-Chancellor and not less than two-thirds of the other members of the Council recommend that an Honorary Degree be conferred on any person on the ground that he is in their opinion by reason of his eminent position and attainments, a fit and proper person to receive such a degree and when the recommendation is supported by not less than two-thirds of the Fellows present at a meeting of the Senate and is confirmed by the Chancellor and by H.E.H. the Nizam on the recommendation of the State Executive Council, the Senate may confer on such person the Honorary Degree so recommended without requiring him to undergo any examination.

Provided that in cases of urgency the Chancellor may act on the recommendation of the University Council only.

2. The Honorary Degrees which the University is empowered to confer shall be as follows.—

1. Ph. D.
2. D. Lit.
3. D. Sc.
4. LL. D.
5. D. Th. (Doctor of Theology).

3. The Honorary Degrees shall be conferred by the Chancellor in the following words :—

* Received the assent of His Exalted Highness the Nizam on the 19th Shawwal 1344 Hijri (28th Khurdad 1885 F., 2nd May 1926)

"By the authority given me as Chancellor of this University,
I admit you.....to the Honorary Degree
of.....this on account of your eminent
position and attainments."

4. The academic dress for the degree of LL.D. shall be a gown of green silk with full sleeves with wide yellow facings. The hood shall be of scarlet silk lined with black velvet. The head-dress shall be a Dastar or a Shamla.

X. POWERS OF THE PRINCIPALS OF THE CONSTITUENT AND INTERMEDIATE COLLEGES.

1. The Principal shall be the supreme authority in all matters relating to the internal working of the College including the boarding-houses.
2. He shall have power to accept or refuse applications for admission to the College and to rusticate, expel or otherwise punish pupils.
3. He shall have authority to make all appointments of non-gazetted officers of the 2nd and 3rd grades in the College.
4. He shall have authority to grant short leave (casual and privilege) or leave on medical certificates upto 3 months in the aggregate to all members of the staff, but acting arrangements should be made by the Council; and all kinds of leave to non-gazetted officers whom he is empowered to appoint, and to make acting arrangements therefor.
5. Proposals for the appointment of officers of the Education Department as part-time lecturers in the Intermediate Colleges of the University should be submitted with the formal consent of the Director, Public Instruction.
6. He shall have authority to make temporary acting arrangements for a gazetted officer, whose absence from duty is due to illness or such other cause over which he has no control.
7. He shall have authority to suspend or dismiss his non-gazetted subordinates, whom he is empowered to appoint.
8. He shall be the only official channel of communication between the University authorities and the members of the staff.
9. He shall appoint to all scholarships reserved for the students of the College and have authority to reduce temporarily the amount of scholarship, to cancel any appointment to a scholarship, and if circumstances make it necessary, to redistribute the scholarship.
10. He shall have authority to grant casual holidays.

* Received the assent of His Exalted Highness the Nizam on the 12th Safar 1338 H., (1st Dai 1329 F.—6th November 1919).

11. He shall have control over the libraries, laboratories and such other institutions in the College and shall have power to entrust the management of the aforesaid institutions to one or more members of the staff competent to run the institutions.

12. He shall have authority to spend all sums granted in the budget in accordance with the budget allotment and shall send in the bills direct to the Accountant-General for payment.

XI. POWERS OF THE PRESIDENT AND THE SECRETARY, ENGINEERING COLLEGE.

POWERS OF THE PRESIDENT.

1. To determine, subject to the sanction of the Council, from time to time, the number of Professors, Asst. Professors, etc. and other members of the teaching staff and the office establishment.

2. To make all appointments of non-gazetted officers and of gazetted officers the average value of whose grade does not exceed Rs. 500.

3. To provide furniture and apparatus and other accessories needed for carrying on the work of the Engineering College.

4. To enter into, alter, and cancel contracts on behalf of the Engineering College.

5. To entertain, adjudicate upon and redress any grievance of the Professors, the teaching staff, the gruaduates, the under-graduates and the Engineering College servants, who may for any reason feel aggrieved.

Note :—In the case of those Professors, Lecturers, etc., whose appointments are not within the powers of the President, this will be subject to appeal to the Council

6. To transfer any expenditure from one head to another within the budgeted allotment.

7. To sanction all kinds of leave to officers whose appointment is within his powers, and also to cancel the same; and in cases of emergency to sanction leave to other Gazetted Officers.

8. To sanction arrears of pay or travelling allowance due to an officer of the College upto two years, provided there is provision for the same.

9. To depute officers of the Engineering College to places not outside India to attend Scientific Conferences, to study the working of other Universities or to purchase stores or apparatus for the College or for any other purpose in the interests of the College, provided the expenses are paid out of its Budget.

10. To sanction the payment of full salary to an officiating officer, when the permanent incumbent avails of extaordinary leave.

11. To commute absence without leave into leave of any kind to which an officer is entitled under the rules, provided the period of absence does not exceed six months.
12. To sanction furlough (rukhsat-i-khangi) upto a limit of 3 years for purpose of study irrespective of the length of their services to officers whom he is empowered to appoint.
13. To sanction holidays and vacations for the College and Office of the College, or to close the College and the office during epidemics.
14. To sanction extension in the services of Officers, whom he is empowered to appoint upto a limit of 60 years.
15. To spend all sums granted in the Budget allotment.
16. To be the supreme authority in all matters relating to the internal working of the College, including the Hostel.
17. To have control over the Libraries, Laboratories and the Workshop and such institutions in the College and to have power to entrust the management of the aforesaid institutions to one or more members of the staff competent to run the institution.
18. To appoint to all scholarships reserved for the students of the College and to have authority to reduce temporarily the amount of a scholarship, to cancel any appointment to a scholarship and if circumstances make it necessary to redistribute the scholarship.
19. To organise and regulate the finances, accounts and all other administrative work of the Engineering College.

Powers of the Secretary.

1. To accept or to refuse applications for admission to the College and to rusticate, expel or otherwise punish the pupils with the sanction of the President.
2. To make all appointments of non-gazetted officers in the clerical staff of the 2nd and 3rd grades in the college.
3. To grant all kinds of leave to non-gazetted officers whom he is empowered to appoint and to make acting arrangements therefor.
4. To suspend or dismiss non-gazetted subordinates whom he is empowered to appoint.
5. To be the only official channel of communication between the University authorities and the members of the staff.

Note :—This will not imply denial of right to the Professors of the College of direct access to the President.

6. He shall have authority to grant casual holidays.

	Matriculation Examination	Intermediate B. A. and other higher Examinations	
		O.S. Rs. per diem	O.S. Rs. per diem.
Chief Superintendents	10 0 0	10 0 0
Invigilators receiving a salary of below Rs. 50	2 0 0	..
Invigilators receiving a salary of Rs. 50—120	3 0 0	..
Invigilators receiving a salary of Rs. 121—200	4 0 0	Rs. 100-200 4 0 0
,, „ over 200	5 0 0	5 0 0
Peons	0 4 0	0 4 0

XIV. TRAVELLING AND HALTING ALLOWANCES.

The members of the Senate and other University Bodies residing in the mofussil shall be paid travelling and halting allowances at the following rates :—

- (i) Single first class fare each way, and Rs. 10 per diem for days on which meetings are held.
- (ii) Single third class fare each way for servants.

XV. DUPLICATES OF THE UNIVERSITY CERTIFICATES.

Duplicates of University Certificates or Diplomas shall not be granted except in cases in which the Syndicate is satisfied by the production of an affidavit or otherwise (duly certified by Head-master of a recognised High School, or Divisional Inspector or District Inspector of Schools of His Exalted Highness' Government or Principal, Osmania University College), that the applicant has lost his certificate or diploma, or that it has been destroyed. In such cases a duplicate of a certificate the original of which was signed by the Registrar, may be granted on payment of a fee of Rs. 5; and a duplicate of a certificate or diploma the original of which was signed by the Chancellor, on payment of a fee of Rs. 10, and all such cases shall be notified in the Government Gazette.

XVI. MIGRATION AGE AND PROVISIONAL CERTIFICATE.

Migration and Provisional Certificates will be issued to the candidates on payment of the following fee:—

Migration Certificate:-

Rs. 2/- before admission to a College and Rs. 5/- after admission.

Age and Provisional Certificate. Re. 1/-

XVII. REGISTRATION FEE.

A registration fee of Rs. 10 shall be charged by the University from all students migrating to this University from other Universities or joining the University after obtaining a High School Certificate issued by a H. S. L. C. Board in British India.

XVIII. UNIVERSITY LOAN FUND.

1. That a sum of B.G. Rs. 25,000 be set apart for this Fund.
 2. That only competent and brilliant members of the staff shall be eligible for loans for study in foreign countries, provided they have put in at least 5 years' service and their services can be spared by the Department concerned.
 3. That the maximum amount of a loan shall be B.G. Rs. 10,000.
 4. That loans shall be given on the security of two sureties who are men of substance in the State, approved for the purpose by the authorities of the University, or of Promissory Notes, Railway Shares, Mansabs, Insurance Policies (to the extent of $\frac{2}{3}$ of their surrender value) and immovable property ($1\frac{1}{2}$ of the value of the loan). *
 5. That interest at the rate of $4\frac{1}{2}$ per cent. shall be charged on all advances made.
 6. That the loan should be repaid at the rate of 25 per cent. of the salary for each month, the maximum period of repayment being 12 years.

* N.B.—(1) Persons who are entitled to a gratuity or to a pension are exempted from producing security as required under this rule provided that the amount of the loan does not exceed the gratuity or the capitalised value of the pension due.

(2) In calculating the capitalised value of the pension or the gratuity the period of the study leave can also be counted as effective service.

7. That the University shall not be responsible for giving any promotion on the basis of additional qualification secured.

8. That applicants for loans shall bind themselves to serve the University on whatever salary offered till the whole amount is repaid, and in case the applicant severs his connection with the University he or his sureties shall have to pay up in one lumpsum the whole amount remaining due.

9. That the loan will be paid in quarterly instalments, the first including passage money and B.G. Rs. 500 for outfit, which shall be paid after the agreement and surety bonds have been executed.

XIX. UNIVERSITY SCHOLARSHIPS.

Faculty of Arts.

Intermediate .. One of Rs. 20 per mensem to be given to the student standing first in the Matriculation Examination, and two of Rs. 15 per mensem each to the students standing second and third provided they pass the examination in the first division.

Eight of Rs. 15 per mensem each to the students standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination.

(1) English, (2) Theology, (3) Morals, (4) Arabic
 (5) Sanskrit, (6)* Elementary Mathematics,
 (7) *Higher Mathematics and (8) Science.

B. A. .. One of Rs. 25 per mensem to student standing first in the Intermediate Examination, and two of Rs. 20 per mensem each to students standing second and third provided they pass the examination in the first division. Twenty-one of Rs. 18 per mensem each to stundents standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination :—

English, Theology, Morals, Mathematics, Physics, Chemistry, Biology, Urdu, Arabic, Persian, Sanskrit, Economics, Sociology History of Islam, History of England, History of India, Logic, Psychology, Marathi, Kana-rese, and Telugu.

M. A. .. Two of Rs. 40 per menscm each to the student standing first in the Arts and Science sub-

*To candidates who pass under the New Rules.

jects respectively in the B.A. Examinations, provided they pass the Examination in the first division.

Ten of Rs. 30 per mensem each to the students standing first in the following subjects respectively, provided that they have passed in the first division in the subject and at least in the second division in the whole of the Examination :—

English, Arabic, and an allied subject, Persian and an allied subject, Sanskrit and an allied subject, History, Philosophy, Physics, Chemistry, Biology and Mathematics.

Eleven Research Scholarships of Rs. 75 per mensem each for Arabic, Persian, Urdu, Philosophy, English, Kanarese, Telugu, Marathi, Physics, Fiqah and Hadis.

Faculty of Theology.

Intermediate . . One of Rs. 20 per mensem to the student standing first in the Matriculation Examination and one of Rs. 15 to the student standing second provided they pass the examination in the first division.

One of Rs. 15 per mensem to the student standing first in Arabic provided he has passed in first division in the Subject, and at least in the second division in the whole of the examination.

B. A. . . One of Rs. 25 per mensem to the student standing first in all the subjects in the Intermediate Examination, and passing the examination in the first division.

One of Rs. 20 per mensem to the student who stands second in all the subjects and also passes the examination in the first division.

Five of Rs. 18 per mensem to the students standing first in Arabic, Fiqah and Usul-i-Fiqah, Hadis and Kalam provided they have passed in the first division in the Subject and at least in the second division in the whole of the Examination.

M. A. . . One of Rs. 40 per mensem to the student who stands first passing the B. A. Examination in the first division.

Faculty of Engineering.

1st year	Two of Rs. 30 per mensem each
	Two of Rs. 25 ,, ,,
	Two of Rs. 30 ,, ,,
2nd year	Two of Rs. 25 ,, ,,
3rd year	One of Rs. 35 ,, ,,
	,, 30 ,, ,,

4th year—Two apprenticeships of Rs 150 per mensem each.

Faculty of Medicine

Fifteen scholarships of Rs. 17 per mensem each for male students.

*Bursaries.**Faculty of Arts*

Intermediate : Twenty of Rs. 10 p. m. each for two years.

Day Scholars Rs. 6.

Boarders Rs. 10.

B. A. : Twelve of Rs. 11 p. m. each for two years.

Day Scholars Rs. 8.

Boarders Rs. 12.

M. A. : Eight Bursaries of Rs. 20 per mensem each for two years.

Faculty of Theology.

Intermediate : Seven of Rs. 10 p. m. each for two years.

B. A. : Three of Rs. 12 p. m. each, for two years.

M. A. : One of Rs. 20 for two years.

FOR FEMALE STUDENTS :—*Faculty of Medicine.*

Five Bursaries of Rs. 17 per mensem each.

Three Bursaries of Rs. 40 per mensem each.

Twelve Bursaries of Rs. 30 per mensem each.

XX. RULES FOR THE DEPUTATION OF MEMBERS OF THE STAFF OF THE UNIVERSITY TO MEETINGS OF LEARNED BODIES:—

- (1) In making selections preference will be given to those who read papers at Conferences to those who do not.

- (2) Travelling and halting allowances should be paid according to the Civil Service Regulations. In case of persons going to places out of India, the Committee will make recommendations with special reference to the country visited.
- (3) Delegation may be sent usually to the following Conferences, but it will be opened to the Committee to decide, as to which Conferences Delegates should be sent in a particular year :—
- (1) Indian Science Congress.
 - (2) Indian Philosophical Conference.
 - (3) All-India Oriental Conference.
 - (4) Indian Economic Conference.
 - (5) Indian Historical Record Commission.
 - (6) Indian Medical Research Workers' Conference.
 - (7) Inter-University Board.
- (4) Conferences should be given formal intimation of the names of the delegates sent by the University.

XXI. UNIVERSITY EXTENSION LECTURES.

1. Lectures shall be arranged by a Board which will be constituted every two years, and for the present consist of the following with powers to co-opt :—

Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur.
 D. P. I., H.E.H. the Nizam's Dominions.
 Principal, O. U. College.
 Principal, Medical College.
 Secretary, Engineering College.
 Registrar, Osmania University.
 Prof. E. E. Speight.
 Prof. H. K. Sherwani.
 Prof. Qazi Md. Husain.
 Prof. M. Qureshi.

2. Arrangements for delivering extension lectures shall be made in consultation with the Principals of the various Colleges for one extension lecture being delivered every academic year on each of the following subjects :—

Engineering, Medicine, Biology, Physics, Chemistry, Mathematics including Astronomy. History, Urdu, Persian, Arabic, Philosophy, Law, Sanskrit, Telugu, Marathi and Kanarese.

3. Not more than 12 extension lectures shall be delivered annually during the last two weeks of each term. Written copies of the lectures, which will ordinarily be in Urdu, should be deposited with the Registrar, and published in book form so as to reach a wider audience.

4. Foreign scholars may be invited to deliver lectures on the recommendation of this Board. The lectures delivered shall be the property of the University and shall not be published without its permission. The lecturers shall be paid only their remuneration sanctioned for the lectures and the University will not be responsible for the boarding, halting or other charges.

8. THE UNIVERSITY COLLEGE.

Staff.

Principal Offg. ... Muhd. Abdul Rahman Khan B.A. (Madras)
B. SC. A.R.C.S. (London).

FACULTIES OF ARTS AND SCIENCE.

BIOLOGY.

Professor ... Sayeeduddin, B.Sc. (Bom.), M.A., (Edin).
(Incharge) (Botany).
Do ... Dr. B. K. Das, B.Sc., (London) (Zoology)
Asst. Professor ... Abdul Bari, B.Sc., (Bom.). (on study leave)
Do ... Muhammad Rahimullah, B.Sc., (Alig.).

CHEMISTRY.

Professor ... Muzaffaruddin Qureshi, M.Sc., Ph.D. (Berlin)
Do ... Sayyid Husain, B.A., M.Sc., Ph.D. (London)
Asst. Professor ... Mahmud Ahmad Khan, B.Sc., (Allahabad).
Do ... Qazi Muinuddin, M. Sc., (Osmania) Ph. D.
(London).
Do ... Vacant.
Demonstrator ... Mr. Nazir Ahmad Tahir, M.Sc., (Osmania),
Do ... Illindla Sita Ram Rao, B.A. (Osmania) M.Sc..
(Dacca).
Do ... KhalilurRahman M. sc.,

ECONOMICS AND SOCIOLOGY.

Professor ... Muhammad Elias Burney, M.A., LL.B.,
(Allahabad).
Asst. Professor ... Habib-ur-Rahman, M.A., LL.B., (Allahabad),
B. Sc. (Hons.) (London).
Do ... Sayyid Jafar Hasan, Ph.D. (Heidelberg).

ENGLISH.

Professor ... Hosain Ali Khan, B.A., (Oxon.)
Do ... E. E. Speight, B.A., (London).
Do ... Sayyid Abdul Latif, Ph.D., (London).
Do ... T. Virabhadrudu, M.A., L.T. (Madras).
Asst. Professor ... S. D. Ramchandran, B.A., L.T., (Madras)
Do (Part-time) Salahuddiu M.A. (Dacca.)

HISTORY.

Professor ... Haroon Khan Sherwani, M.A., (Oxon.)
Do ... Mirza Ali Yar Khan, B.A., (Oxon) on Special
duty. Dr. Ibn-e-Hasan Acting.
Do ... Md. Jamilur Rahman, M.A., (Punjab).
Asst. Professor ... K. C. Roy Saksena, M.A., (Allahabad).
Do ... Ibn-e-Hasan, M.A., (Allahabad). Ph. D. (Lon-
don). Yusuf Husain Khan D. Litt., (Paris).
(Acting)

- Asst. Professor .. Dr. Ishwarnath Topa, Ph. D. (Freiburg).
 Do .. Abdul Majid Siddiqi, M.A., (Osmania).

LANGUAGES (ANCIENT AND MODERN).

- Professor .. Abdul Haq, B.A., (Urdu).
 Do .. A. H. M. Nizamuddin, D. PHIL. (Cantab.)
 (Persian).
 Do .. Abdul Haq., B.Litt., D. PHIL., (Oxon)
 (Arabic).
 Asst. Professor.. Sayyid Ghulam Nabi (Arabic).
 Do .. Saif bin Sultan Husain-Al-Qaiti, M.A., LL.B.,
 (Arabic).
 Do .. Sayyid Ibrahim (Arabic).
 Do .. Abdul Hainid Khan (Persian).
 Do .. Sayyid Sajjad Husain, M.A., (Allahabad) Ph. D.
 (London) (Urdu).
 Do .. Qari Sayyid Kalimullah Husaini, M.A., LL.B.,
 (Osmania), Ph.D., (London), (Persian)
 Do .. Ghulam Muhiuddin Qadri M.A., (Osmania)
 Ph.D. (London). (Urdu).
 Do .. Latif Ahmad Faruqi, M.A., LL.B. (Osmania).
 (Persian).
 Do .. Abdul Qadir Sarwari, M.A. (Osmania). (Urdu).
 Do .. T. Ram Rao, B.A., (Madras). (Kanarese).
 Do .. R. Subba Rao (Telugu).
 Do .. Hari Har Shastri, (Sanskrit).
 Do .. G. Dhareshwar, B.A., (do)
 Do .. C. N. Joshi M.A., (Marathi).
 Lecturer .. Yusuf Husain Khan D. Litt (Paris). (French).
 Do .. Sayyid Jafar Hasan Ph.D., (Heidelberg).
 (German).

MATHEMATICS.

- Professor .. Qazi Muhammad Husain, B.A., LL.B.,
 (Cantab.), M.A. (Punjab).
 Do .. Kishen Chand, M.A., (Cantab.).
 Asst. Professor.. Shaikh Barkat Ali, M.A., (Osmania).
 Do .. M. Raziuuddin Siddiqi, B.A. (Osmania). B.A.,
 (Cantab.) Ph.D. (Gottingen).
 Do .. Khawja Muhiuddin, M.A., (Madras).
 Do .. Vacant.

PHILOSOPHY.

- Professor .. Khalifa Abdul Hakim, M.A., LL.B., Ph.D.,
 (Heidelberg).
 Asst. Professor .. Abdul Bari.
 Do .. Mir Valiuddin, M.A., Ph.D., (London).

Asst. Professor ..	Motazid Waliur Rahman, M.A., (Punjab).
Do ..	Shiv Mohan Lal, M.A., (Alig).
Do ..	Salahuddin, M.A., (Dacca).

PHYSICS.

Professor ..	Muhammad Abdul Rahman Khan B.A. B.Sc. (London) A.R.C.S.
Do ..	Wahidur Rahman, B.Sc., (Calcutta).
Do ..	<i>Vacant.</i>
Asst. Professor ..	Nasir Ahmad, M.A., B.Sc., (Allahabad).
Do ..	<i>Vacant.</i>
Do ..	Sayyid Muhammad Ali Khan, B.Sc., (Hons.) (London), A. R. C. S.
Demonstrator ..	Sayyid Abdul Rahman, B.A., (Osmania).
Do ..	Muhammad Yunus Vafaqani B.A., (Osmania) M.Sc., (Dacca).
Do ..	Murtajî Rao M.Sc. (Osmania).
Do ..	Sayyid Ahmed Qadri, B.Sc. (Hons) (Manchester)

THEOLOGY.

Asst. Professor ..	Maulvi Manazir Ahsan Gilani
MORALS.	

Asst. Professor ..	Qari Qutbuddin B.A. (Egypt.) (Offg.)
FACULTY OF MUSLIM THEOLOGY.	

Professor ..	Abdul Qadir.
Asst. Professor ..	Zahiruddin Ahmad, D. Litt., (Egypt.) (Philosophy of Islam).
..	Mufti Abdul Latif (Quran).
..	Muhammad Osman Jafari (Islamic Law).
..	Maulvi Liaqat Husain Qadri M.A. (Osmania) (Officiating) (Hadith).
..	Abdul Qadir M.A. (Logic).
..	Fazal Ahmad (Tafsir).
..	Abdul Muqtadir (Fiqh).

FACULTY OF LAW.

Professor ..	Hosain Ali Mirza, Bar-at-Law.
Do ..	Mir Siadat Ali Khan, M.A., LL.B. (Osmania). Ph. D., B.C.L. (Oxon).
Asst. Professor ..	Mir Akbar Ali Musavi, B.A., LL.B., (Bombay).
Part-time Lecturers	Akbar Ali Khan, B.B., LL.B. (London). Bar.-at-Law.
	Khaliluz Zamân, Bar.-at-Law,

Terms.

July to December and January to April.

Fees.

Intermediate ..	Rs. 60 per annum.
B.A. ..	Rs. 80 do
M.A. or M. Sc. ..	Rs. 100 do
LL.B. ..	Rs. 80 do

Hostels.

Four hostels are attached to the College. The cost of living is about Rs. 180 per annum.

Library.

Librarian .. Yusufuddin Ahmad Siddiqi, B.A.

The English and Oriental sections contain 30,067 volumes including 957 MSS. The staff and students of the University have also access to the Asafia Library, containing a large number of MSS. and rare books.

Number of Students.

		Faculty of Arts	Faculty of Theology	Faculty of Science	Faculty of Law
1st Year ..	..	158	13	..	..
2nd Year ..	..	178	5	..	..
3rd Year ..	..	49	3	44	..
4th Year ..	..	94	5	37	..
5th Year (M.A.) ..	..	17	..	..	..
6th Year ..	..	4	1	..	..
5th Year (M.Sc.) ..	..	..	..	11	..
6th Year (,,) ..	..	..	..	2	..
LL.B. (Previous)	..	..	..	..	60
(Final) ..	..	..	..	..	27
Research (1st. year)	..	..	..	..	..
(2nd. year) ..	..	3	..	..	..
Total ..	511	27	94	87	

Subjects taught.

English, Muslim Theology, Morals, Arabic, Persian, Sanskrit, French, German, Urdu, Marathi, Telugu, Kanarese, History (India, England, Islam, Ancient, Medieval and Modern Europe), Economics, Sociology, Mathematics, Physics, Chemistry, Biology, Logic, Philosophy and Law.

Laboratories.

Physical and Chemical, fitted up to the M. Sc. standard, and Biological fitted up to the B. Sc. standard.

9. WOMEN'S COLLEGE.

Principal.

- Miss Amina Pope, M.A., D. Litt. (All.), L.R.A.M., A.R.C.M.,
S.C.A.A. (Port).

Lecturers.

English	..	Miss H. Gilson, B.A., L.T., (Madras).
Economics	..	Mrs. Gibbs, B.A.
Chemistry and Biology	..	Mrs. Sundaram, B.Sc., (Allahabad).
Persian and Morals	..	Mrs. Muhammad Ali.
Arabic	..	Naushabah Khatun, B.A., (Osmania).
Islamic History and English History	{	Nurunissa Begum, B.A., (Lucknow).

Part-time Lecturers.

- Jafari Begum.
Afsar Sultana Begum.
Miss Chattopadhyay, B.A., L.T. (Madras).
Miss Adolphus, B.A., L.T.
Mrs. Douglas Pulleyne, F.R.G.S.

Subjects taught.

- English.
Theology.
Morals.
Urdu.
Arabic.
Persian.
Indian History.
Islamic History.
English History.
Economics.
Physics.
Chemistry.
Biology.

10. INTERMEDIATE COLLEGES.

(1) THE CITY INTERMEDIATE COLLEGE.

Principal.

Sayyid Muhammed Azam, M.A., B.Sc. (Cantab.).

Lecturers.

English	..	Ghulam Muhammad Ali, M.A., (Madras) (acting) Ataur Rahman, B.A. (Bom). Trained in Lon.. (Day Training College.)
Arabic and Theology	..	*Syed Nabi (Maulvi Fazil).
Theology	..	*Abdul Qaiyum Khan, M.A., LL.B., (Edin.)
Morals	..	*Yusuf Ali, M.A. (Alig.)
Persian	..	*Syed Muhammad, M.A., (Osmania). *Ali Raza Shirazi.
Urdu	..	Abu Zafar Abdul Wahid, M.A.
History & Economics	..	Khwaja Muniruddin, M.A. (Osmania)
Mathematics	..	Mir Mahmud Ali, M.A. (Osmania)
Physics	..	Muhammad Ahmad Osmani, M.Sc. (Alig.)
Chemistry	..	Ahmad bin Abdulla, B.A.

Subjects taught.

- English.
- Muslim Theology.
- Morals.
- Persian.
- Urdu.
- History.
- Economics.
- Mathematics.
- Physics.
- Chemistry.

(2) THE AURANGABAD INTERMEDIATE COLLEGE.

Principal.

Sayyid Muhiuddin, B.A., Bar-at-Law.

Lecturers.

English	..	John Bhaktul, B.A., (Mad). B.T. (Cal).
Urdu, Morals & History of India	..	Ghulam Taiyab, B.A., (Osm) L.T., (Dacca).
Persian & Arabic.	..	Agha Muhammad Taqi.

* Part-time Lecturer.

Sanskrit & Marathi	Bhaskar Govind Shastri.
Economics and Urdu	Sayyid Wahajuddin Ahmad, B.A., (Alld). B.T. (Dacca).
English History & Indian History	Muhammad Ibrahim, M.A. (Alig).
Physics ..	Azizur Rahman, M.Sc. (Dacca).
Chemistry ..	P. N. Srikishen, M.Sc. (Alig).
Mathematics ..	Muhammad Ahmad, M.A. (Alig).

Part-time Lecturers,

Theology ..	Syed Ahmad.
Theology and Arabic	Abul Khair Muhd. Sabir.
Sanskrit & Hindi	Vansidhar.

Subjects taught.

English.
Theology.
Morals.
Economics.
History.
Arabic.
Persian.
Urdu.
Marathi.
Sanskrit.
Physics.
Chemistry.
Mathematics.

(3) THE WARANGAL INTERMEDIATE COLLEGE.

Principal.

Abdul Aziz Khan, B.A.

Lecturers.

English ..	P. R. Sebastian, B.A.
History ..	Mir Zainulabedin, M.A., B.T.
Economics ..	Ahmad Abdul Aziz, M.A., (Alig). (Part-time)
Mathematics ..	A. V. Gopal Rao, M.A.
Chemistry ..	Inayat Khan, M.Sc., (Osmania).
Physics ..	Muhammad Fazluddin, M.Sc., (Alig).
Muslim Theology ..	Muhammad Yaqubur Rahman, (Part-time).
Morals ..	Abdul Latif, (Part-time).
Telugu ..	B. Srinivas Rao, B.A., (Part-time).
Sanskrit ..	Venkat Ramna Charlu, (Part-time).

Subjects taught.

English.
Theology.
Morals.
Economics.
History.
Mathematics
Physics.
Chemistry.
Telugu.

(4) THE GULBARGAH INTERMEDIATE COLLEGE.

Principal.

Syed Zulfaqar Ali Haqqani, B.A., B.T.

Lecturers.

English	..	A. Malikarjan Rao, M.A., (Madras).
History	..	Saiduz Zaman, M.A., (Alig).
Chemistry	..	Muhd. Vazir Ahmed Quraishi, M.A., (Alig).
Physics	..	Muhd. Zakiuddin Quraishi, M.Sc., (Osmania).
Mathematics	..	Akbar Ali, M.A., (Osmania).

Part-time Lecturers.

Urdu & Persian	.	Nasiruddin, B.A., C.T.
Arabic Urdu	{	
Persian and		Muhammad Hamid Siddiqi.
Theology	}	
Arabic	..	Syed Habib Hyder.
Persian	..	Mir Jehangir Ali.
Marathi	..	P. D. Shenderker, B.A., LL.B.
Marathi and	{	
Sanskrit		H. N. Dharwadker.
Kanarese	..	Bhimsen Rao, M.A., (Osmania).
Economics	..	Mir Abu Talib, M.A., (Alig).
Do	..	Ahmed Husain Khudwai M.A., (Alig.).

Subjects taught.

English.
Arabic.
Persian.
Urdu.
Marathi.
Kanarese.
Sanskrit.
Theology.
History,
Economics.
Mathematics.
Physics,
Chemistry.

11. MEDICAL COLLEGE.

Principal.

Lt. Col. Farhat Ali, B.A., M.B., Ch.B., (Edin.).

Professors.

S. W. Hardikar, M.D., (Edin). (*Materia Medica and Pharmacology*).

Brij Mohan Lal, B.A., M.B., B.S., M.Sc. (London) (*Anatomy*).

Syed Abdul Rahman, M.B., Ch.B., (Edin.), (*Physiology*).

Musti Shah Nawaz, M.B., B.S., (*Pathology*). (*Acting*).

Asst. Professors.

S. P. Sahagal, M.B., B.S. (*Bombay*). (*Anatomy*).

Abhyankar, M.B., B.S. (*Bombay*) (*Physiology*).

Demonstrators—(Temporary).

P. V. Runga Reddy, L.C.P. and s. (*Bombay*) (*Anatomy*).

Yaswant Rao, L.M. & s., (*Pathology*)

C. D. Nagarathnam, L.M. & s. (*Materia Medica & Pharmacology*).

Sayyid Abid Husain, L.M. & s., (*Physiology*).

Pharmacological Chemist.

M. Ghaus Muhiuddin, M.Sc., (Alig.) (on deputation).

Part-time Professors.

Mirza Hasan Ali Khan, M.B., Ch.B., (Edin.) (*Medicine and Cl. Medicine*).

R. N. Coorlawala, F.R.C.S., (Lond.) D.P.H. (Cantab.) (Cl. Surgery).

V.R. Gorakshakar, B.A., (Madras) M.B., Ch.B. (Edin.) (Cl. Medicine)

Khurshid Husain, M.B.Ch.B., (Surgery).

Abdul Rahim, B.A., M.B. Ch. B., (Ophthalmology).

L. D. Khatri, M.B., B.S., (*Bombay*), L.R.C.P. (Lond.), M.R.C.S. (Edin.)
D.T.M.D.P.J.I. (Lond.) F.R.F.P.S. (Glas.) (Hygiene).

Major M. R. W. Hart, M.R.C.S., L.R.C.P., M.B.E., (Midwifery
and Gynaecology).

Capt. Mudan Gopal Sanichar, I.M.S., F.R.C.S.E., (Medical Jurisprudence).

12. ENGINEERING COLLEGE.
President.

Nawab Ali Nawaz Jung Bahadur, F.C.I.I.
Secretary.

M. D. Gadgil, B.A., L.C.E.

Professors.

Samiullah Shah, B.A., B.Sc. (Hons.) (Manchester) (Civil Engineering)
R. K. Nariman, A.C.H., M.I.C.E., M.I.E., F.R.E.S., F.I.C.S., F.R.G.S.

(Construction).

S. P. Raju, B.A. (Madras). B.E., (Poona) Doctor of Engineering
(Munich), (Hydraulics).

Lecturers.

P. K. Ghosh, B.Sc. (Calcutta), B.A. (Cantab.), F.R.C.S. (London),
(Surveying).

Muhammad Hafizullah, B.Sc. (Allahabad), (Drawing).

Vacant. (Applied Mechanics).

Syed Muhammad Abbas, B.Sc. (Allahabad) (Geology).

Ziauddin Ansari, M.A. (Osm.). B.Sc. (Hons.) (Manchester),
(Civil Engineering)

Mechanical Engineer.

Abdullah Hasan, B.Sc., (Allahabad).

Demonstrator (Electric Engineering.)

Muhammad Afzal Ali Khan, B.Sc., (Calcutta), B.Sc. (Manchester),
A.M.I.M.E., A.M.I.E.E.

Rules of Admission, Etc.

Candidates seeking admission to the College for the B.E.
Degree are required :-

- (a) To be not under 18 or above 22 years of age.
- (b) To produce a health certificate from a Gazetted Government Medical Officer of rank not below that of a Civil Surgeon, to the effect that the candidate is fit for out-door work of the Public Works Department and that he has had small-pox or has been vaccinated.
- (c) To have passed the Intermediate Examination of a recognised University taking the following subjects:
 - (i) Mathematics.
 - (ii) Physics.
 - (iii) Chemistry.
 - (iv) English.

-
- (d) To produce testimonial of good character.
 - (e) To sign a declaration form that he will observe the regulation of the University in the College.

- (f) To possess satisfactory knowledge of Urdu language.
- The numbers of students admitted yearly is limited to 20.

Preference will be given to subjects of the Hyderabad State (Residents of Berar being considered subjects of His Exalted Highness the Nizam). The final selection will be made by the President of the College on the general capabilities of the applicants, who may, if necessary, hold a competitive examination for admission.

Applications should reach the Secretary not later than 10th Amanrad of any year, on prescribed forms, which can be obtained from the Secretary of the College.

After the commencement of the Session, students can only be admitted on special grounds, with the sanction of the President; but no student will be admitted after the last day of Shahrewar.

Attendance and Conduct.

Students are required to attend with regularity the courses for which they have entered. In cases of absence, a written notice should be sent at once to the Secretary, accompanied by a medical certificate in cases of illness likely to be prolonged.

Students arriving late for a lecture or Laboratory class will not be registered as having attended.

Students who have not attended regularly or who have absented themselves without the permission of the Secretary from the Terminal or Sessional Examination of any class will not be entitled to the certificate of attendance at that class. (Such certificates of attendance are required to admit a student for the Degree Examination of the University).

The President, on the recommendation of the Secretary, may exclude a student from the College and refuse to re-admit him if his progress in studies has not been satisfactory or his conduct has been deemed objectionable.

Fees.

The fee for registration for admission shall be Rs. 5 which will in no circumstances be refunded.

A registration fee of Rs. 10 shall be charged by the University for all students migrating to this University from other University.

The tuition fee payable in advance by students while at the College shall be :—

Sessional rate	..	..	100
Instalment rate (9)	..	..	12

Students will have to provide their expenses for survey and other excursions.

A breakage deposit of Rs. 50 will have to be paid by each student at the time of joining College each Session.

The cost of any articles broken or damaged by any student and of repairing any damage to property, will be deducted from his breakage deposit, the balance of which will be returned one month after the close of the Session. Students will also be held liable for damage beyond the amount of the deposit and may also be held jointly responsible for the damage which is not traceable to any one individual.

Students who are exempted from any subject or subjects in the Part I Examination will have to pay the full examination fee. All payments shall be made to the Registrar through the Secretary, Engineering College.

A contribution of Rs. 12 per annum shall be made by each student to the College Athletic Club.

Sessions and Terms.

The Session will commence on the 1st Saturday in Shahrewar, or, if the same be a holiday, on the first working day following. Students will be enrolled on the day previous to the opening of the Session.

The Session is divided into the following terms : -

Winter Term :—Commencing on 1st Saturday in Shahrewar and ending on 2nd Thursday in Bahman of the following year.

Summer Term :—Commencing on 1st Saturday in Isfandar and ending on last Thursday in Ardibchisht.

Every student must provide himself at his own cost with drawing instruments, drawing board, T. squares, etc. Surveying instruments will be supplied free of cost while at the College.

Lockers will be provided for the students in the drawing offices at a charge of Rs. 2 per Session. The locker key may be obtained on a deposit of Rs. 2 which will be refunded on return of the key.

Residence of students.

Students of the Engineering College desiring to live at any of the University College Hostels should apply to the Principal, Osmania University College through the Secretary, Engineering College.

Scholarships.

A limited number of scholarships will be offered every year to deserving students. Particulars of scholarship may be obtained from the Secretary of the College.

Exemptions.

Graduates in Physics may be exempted from attending the classes in that subject, and graduates in Mathematics may be exempted from attending the 1st year classes in Mathematics but in all cases they will have to satisfy the examiners in their respective examinations.

Examinations.

College examinations will be held at the end of each term in the subjects taught during that term..

13. TRAINING COLLEGE.

Principal.

Muhammad Sajjad Mirza, M.A., (Cantab.), F.R. (London).

Lecturers.

Malik Sardar Ali, B.A., B.T. (Psychology, Principles of Education and Child Education.)

Mir Ahmad Ali, M.A., M.Ed. (Leeds) Bar.-at-Law. (History of Education, Comparative Education and Method of Teaching History.)

D. D. Shenderker, B.A., B.T., T.D., Ph. D. (London) School Organization, Educational Tests and Teaching of Mathematics and Science.)

Part-time Lecturers.

Mahbub Ali Tahir, M.A., M.Ed. (Leeds) (English).

Abdul Aziz, B.A., B.T., (Dacca), (Mathematics).

Riazuddin Khan, B.A., B.T., (Alig.) (Geography).

Dr. Latif Sayeed, M.B.Ch.B. (School Hygiene).

14. THE BUREAU OF TRANSLATION.

The Bureau of Translation which was opened in Aban 1326 Fasli with Maulvi Abdul Haq Sahib as Curator has so far taken in hand 468 books of which 179 have been published and the rest are either in the Press or under revision and translation. Arrangements are now being made to translate books on various subjects required by post-graduate students and for the Faculties of Medicine and Engineering.

The staff of the Bureau consists of one Curator (500—1,000), 12 Translators (6 on 350—600 and 6 on 250—400) in addition to a Literary Adviser (500) and a Religious Censor (500). The Department of Medical Translations consists of an Assistant Curator (300) and 3 Translators (350-600) each and 3 Translators (500) each. Besides the salaried staff a large number of works is being translated by outsiders on piece-work.

The following gentlemen are on the staff at present :—

Curator .. . Muhammad Enayatullah, B.A.
Assistant Curator, .. Lt.-Col. Farhat Ali, B.A., M.B., Ch.B.
(Medical Branch).
Religious Censor .. Abdullah Emadi.
Literary Adviser .. Shabbir Hasan Khan Josh.

Translators :—

History	..	Sayyid Hashimi.
Political Science	..	Qazi Talamuz Husain, M.A.
Law	..	Masood Ali, B.A.
Philosophy	..	Ehsan Ahmad, B.A.
do	..	Abdul Quddus, M.A. (Osmania).
Mathematics	..	Naziruddin, M.A. (Osmania).
Economics	..	Rashid Ahmad, B.A.
Arabic	..	Sayyid Muhammad Ibrahim, M.A., M.O.L.
do (Additional)	..	Abul Khair Maududi.
Science	..	Sardar Baldev Singh, B.A.
History	..	Muhammad Abdul Sattar, M.A. (Osmania).
Persian	..	Fida Ali Talib.
Medicine	..	Fazle Karim Khan, M.B., B.S.
do	..	Muhammad Osman Khan, L.M. & S.
do	..	Sayyid Mukhtar Husain, B.Sc., M.B., B.S. (Temporary).
do	..	Ghulam Dastagir, M.B., B.S. (Temporary).
do	..	Muhammad Husain, M.B., B.S. do (Vacant)

15. THE DAIRAT-UL-MAARIF.

The Dairat-ul-Maarif was founded by the late Nawab Imadul Mulk Bahadur (Syed Husain Bilgrami, C.S.I.) and the late Mulla Abdul Qayyum Sahib in 1295 Fasli for the publication of rare books in Arabic. It commenced its work in 1299 Fasli with a grant of Rs. 500 per mensem from His Exalted Highness' Government. Subsequently in 1329 F. an endowment of one lac of rupees was made over to the Institution and in 1331 F., His Exalted Highness was graciously pleased to sanction an additional grant of Rupees four laes and this total endowment Rupees five lacs brings an annual income of Rs. 30,000.

The Institution was placed under the control of the University on the sad death of Nawab Imadul Mulk Bahadur on the 2nd Thir 1335 F. (24th Zikadah 1344 H.). Dr. Nawab Sir Hydar Nawaz Jung Bahadur, Finance Member, Executive Council, is now the Chairman of the Executive Committee with whom the management rests and Nawab Mahdi Yar Jung Bahadur is the Secretary. This Committee is helped by a literary Committee which assists it in selecting books for publication, etc. The staff consists of a Superintendent, an Asst. Superintendent, and six Arabic scholars who edit the texts and correct proofs. They are helped in their work by the noted European Orientalist Mr. Krenkow, who secures for the Institution copies of rare books in the British Museum and other European libraries; besides correcting texts, reading proofs, etc. The total number of Arabic books published by this institution is 76, but some of them are in four to twelve volumes. Its publications are in great demand not only in India but in Egypt, Arabia, Afghanistan and Europe.

16. THE NIZAMIAH OBSERVATORY.

General.—The history of the Observatory dates from the time the late Nawab Zafar Jung Bahadur presented to the Government two fairly large telescopes, which he had originally purchased for his private use during his sojourn in Europe. When the matter of the bequest was before the Government Sir A. Hydari (Nawab Hydar Nawaz Jung Bahadur) the then Financial Secretary, now Minister of Finance, in a long note on the subject, referred to the importance of the gift and emphasised the unique opportunity that had been thus afforded for the establishment of an Observatory at Hyderabad, for the cultivation of the science of astronomy. The suggestion was adopted, and on H.H. the Nizam graciously sanctioning the scheme, it was decided to establish a fully equipped observatory with the two telescopes as a nucleus. Mr. Chatwood was appointed Director in 1908 and soon after his arrival in Hyderabad, he selected a suitable site for the Observatory and promptly started the construction of the necessary additional buildings for the accommodation of the instruments and of a small workshop. The photographic equatorial was erected by the beginning of 1910 when the formal dedication of the Observatory took place. There was some delay in commencing regular work with this telescope as some of the parts had to be returned to England for necessary alterations and a suitable following telescope had to be constructed afresh. By the time Mr. Chatwood's term of office expired in March 1914, he had made a commencement with regular astronomical observations and had also given an efficient training to a small staff of assistants. Mr. Pocock succeeded to the Directorship and vigorously pushed on the astronomical work that the Observatory had undertaken, with the result that substantial progress was achieved in all branches under his direction. His death occurred in October 1918 and by that time two volumes of results were collected and published. In November 1919, the Observatory was transferred to the Osmania University and placed under the administrative control of the University Council.

Equipment.—The principal equipment of the Observatory consists of :—

- (1) An 8" photographic telescope with accessories.
- (2) A 15" visual telescope equatorially mounted (the erection of this instrument was carried on in 1922-23 under the supervision of the present Director).
- (3) A 2 $\frac{3}{4}$ " Transit Instrument and a drum chronograph.

- (4) Three astronomical clocks and two chronometers.
- (5) A set of Electric Transmitting Pendulums and dials to operate in connection with them.

To these have recently been added two Milne-Shaw Seismographs now temporarily erected in the basement room of the Astrographic Equatorial house.

Astronomical work.—At the time the Observatory was established, it was felt that whatever work is carried on at the institution should form part of a systematic plan and should possess considerable scientific value. Instead of diverting attention among a number of individual isolated researches, the policy of the Observatory had been to adopt a middle course, by carrying on, as a routine programme some outstanding piece of work, in which the co-operation of the institution would to some extent contribute to the general advancement of science at the same time without losing sight of the number of special investigations that arise having a bearing on the central subject. When the Observatory was ready to start on regular work it was recommended by the eminent astronomers, Sir David Gill, Prof. Turner and others, that this institution can advantageously co-operate in the great international undertaking entitled the "Carte du Ciel." As the Government was willing to accede to this recommendation, a section originally assigned to a South American Observatory, but neglected owing to some adverse circumstances was allotted to the Nizamiah Observatory. The region is now very nearly complete and the preliminary results of the whole section have been published.

With the Grubb Equatorial erected in 1923, a start has been made with the regular observation of a few variable stars, specially near their minima when observations with this telescope, on account of the larger light gathering power, are particularly valuable.

The Transit Instrument is employed for determining clock corrections systematically and when the necessary apparatus is required, it is proposed to control the time gun at Hyderabad by means of signals from the Observatory Standard Clock.

Daily records are obtained with the Seismograph since September 9, 1923. The results are forwarded to the International Seismological Association.

Since 1929 September, daily observations of upper air conditions by means of pilot balloon flights have been included in the programme of work in co-operation with the India Meteorological Department.

Publications.—The Hyderabad Astrographic Catalogue, Vols. I to VII forms the most important among the publications of

the Observatory. Several short papers, now numbering about fifty dealing with matters of technical interest have been published in various periodicals.

Library.—A small working library is in course of formation and contains at present about 1,000 volumes. A part consists of publications of other observatories received as exchanges.

Staff.—The establishment consists of three assistants and nine computers, besides a clerk and a mechanic.

Mr. T. P. Bhaskaran, M.A., F.R.A.S., is the present Director.

17. RULES AND SUBJECTS FOR EXAMINATIONS.

FACULTY OF ARTS.

Matriculation Examination.

1. The Matriculation Examination shall be held once a year at Hyderabad, Aurangabad, Gulburga, Warangal and Bhopal at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to :—

- (i) All those who have satisfactorily prosecuted a regular course of study for this examination at one or more High Schools recognised by the Osmania University. Such candidates shall be named *pupil candidates*.
- (ii) All those who have studied privately either in the Dominions or outside for this examination, provided that they shall not have attended any high school recognised by the University for not less than six months prior to the date of the examination.
- (iii) All those who have passed the Maulvi or the Munshi Examination of His Exalted Highness the Nizam's Government, or of the Punjab University up to the year 1906. Such students will have to appear in English only and in the case of those who have passed in the Munshi Examination, in Islamic Theology or Morals also, on passing in which subject or subjects they will be considered to have passed in the whole of the examination.

3. No candidate shall be admitted to the Matriculation Examination unless he shall have completed the age of fifteen years by the first day of Shahrewar (July) of the year in which he applies for admission to the examination.

4. Applications for admission to the examination in the form prescribed must reach the Registrar not less than two months before the commencement of the examination, accompanied by a fee of Rs. 10 in the case of pupil candidates, Rs. 15 in the case of candidates referred to in Rule 2 (ii), and Rs. 5 in the case of candidates referred to in Rule 2 (iii).

5. Pupil candidates must submit the following certificates from the Head-master of the school where they last studied together with their application for admission :—

- (1) Certificate of attendance stating that the student has attended school in the Matriculation class for not less than 60 per cent. of the working days during the school year immediately preceding the examination.

- (2) Certificate of good character and good conduct at school.
- (3) Certificate of age in accordance with Rule 3.
- (4) Certificate of progress in the subjects of study.

In cases recommended by the Head-master, the Syndicate may for sufficient reasons condone deficiency in attendance not exceeding 31 days. When a student has studied in two or more schools during the school year immediately preceding the examination, his combined attendances in all schools attended by him during the period will be taken into account in determining his attendance.

6. Candidates referred to in Rule 2 (ii) must submit the following certificates from the Head-master of a Government High School recognised by this University :—

- (1) Certificate stating that the student has passed a Test Examination held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.
- (2) Certificate of good character.
- (3) Certificate of age in accordance with Rule 3.

7. Candidates referred to in Rule 2 (iii) must, in addition to the original certificate showing the examination passed on the basis of which application is being made, submit the following certificates from the Head-master of a Government High School recognised by this University :—

- (1) Certificate stating that the candidate has passed a Test Examination in English and Theology or Morals, held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.
- (2) Certificate of good character.
- (3) Certificate of age in accordance with Rule 3.

*N. B.—*Teachers from the recognized schools of the University will be exempted from passing a test Examination provided they produce a certificate from the Divisional Inspector of Schools stating that the candidate is eligible for admission to the matriculation class and that he is expected to get through.

8. Candidates who have once been duly permitted to appear at this examination are entitled to appear at any subsequent Matriculation Examination as private candidates under Rule 2 (ii) and (iii) on production of certificates (1) and (2) mentioned above.

9. On receipt of the application and the fee prescribed and the necessary certificates, the Registrar shall, at least a fortnight before the examination cause to be furnished to the candidate a receipt for the fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate when called for.

10. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee.

11. The Matriculation Examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

1. European Languages . . . Ordinarily in English.
2. Sanskrit, Prakrit or Pali . . In the language itself or in English or in Urdu.
3. Modern Indian Vernaculars In the language itself or in Urdu.

*N.B.—*In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set, and candidates will be expected to answer in that same language unless by a previous arrangement with the Registrar, they have been permitted to answer in any of the alternative languages above specified.

12. The examination will be held in the following subjects :—

A. COMPULSORY.

1. English.
2. Urdu. (Questions on Grammar to be practical and of easy nature. Essays should be on the subjects of every day interest.)
3. Elementary Mathematics.
4. Elementary Science.
5. Indian History and General Geography of the world.
6. Theology or Morals.

B. OPTIONAL.

One of the following subjects :—

1. A Classical Language.
2. A Modern Language.
3. English History.
4. Algebra and Geometry.
5. Commerce.
6. Domestic Science (for girls only).

*N.B.—*Only those candidates will be admitted to the Intermediate Mathematics Classes, who have taken Algebra and Geometry as their optional subjects.

*C. SCHOOL SUBJECTS.

1. Drawing.
2. Physical Training.
3. Manual Training.

* There will be no University examination in these subjects but the teaching will be Compulsory, and candidates will not be admitted to the Matriculation Examination unless they produce certificates of having satisfactorily completed courses of studies prescribed for these subjects. (Vide Appendix.)

A. COMPULSORY SUBJECTS.

(1) ENGLISH.

There shall be two papers in English each of $2\frac{1}{2}$ hours' duration. The first paper (100 marks) will be on the Detailed Texts, Grammar and Idiom. The second paper (100 marks) will be as follows.—

Marks

Composition and Translation from Urdu ..	70
Non-Detailed Texts ..	30

(2) URDU.

There will be two papers each of two hours' duration in this subject; the first paper (50 marks) will be on the prescribed texts and the second will be on Grammar (20 marks) and Composition (30 marks).

(3) ELEMENTARY MATHEMATICS :—

There will be two papers of $2\frac{1}{2}$ hours' duration each.

Paper I. Arithmetic ..	.. 30 marks.
Algebra ..	.. 20 „
.. II. Practical Geometry ..	30 ..
Mensuration ..	.. 20 „

* (4) ELEMENTARY SCIENCE :—

There will be one paper of 3 hours' duration carrying 100 marks. The paper shall be divided into sections A (Physics) and B (Chemistry), 50 marks will be assigned to each section.

* Candidates are expected to perform at least 10 experiments in a year and have a record of their practical work regularly initialled by the teacher in charge. No candidate shall be allowed to appear for the Examination unless he has produced a full record of his practical work. But there shall be no examination in practical science.

(4) HISTORY AND GEOGRAPHY.

Two papers each of two hours' duration will be set :—
 1st Paper—History of India .. 50 marks
 2nd Paper—General Geography of the World
 with special reference to India .. 50 marks

(5) THEOLOGY OR MORALS.

There will be one paper (100 marks) of three hours' duration in this subject.

N. B.—Examination in Theology or Morals shall be regarded as qualifying examination and the marks gained by a candidate in the subject shall not be included in the grand total of the marks; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

B. OPTIONALs.

1. A Classical Language :—

(a) Arabic, (b) Sanskrit (c) Persian.

or

2. A Modern Language (Except Urdu) :—

(a) Marathi, (2) Telugu (3) Kannarese.

There will be two papers in each of these languages, of two hours' each. The first paper will be on the prescribed Texts (60 marks) and the second paper will be on Grammar and Translation carrying 40 marks.

or

3. History of England :—

There will be one paper of three hours' duration carrying 100 marks.

or

4. Algebra and Geometry :—

There will be one paper of three hours' duration carrying 100 marks :—

Algebra	40 marks.
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Geometry Practical	20	„
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Geometry Theoretical	40	„
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or

5. Commerce :—

There will be two papers each of $2\frac{1}{2}$ hours' duration carrying 50 marks as detailed below :—

Paper I Elementary book-keeping.

„ II Commercial Practice.

or

6. Domestic Science :—(for girls only)

There will be one paper of 3 hours' duration carrying 100 marks.

13. Successful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the First Class.

Successful candidates of First Class shall be arranged in order of proficiency as determined by the total number of marks obtained. The Second and Third Classes shall be arranged in the serial order of their roll numbers.

14. For a pass in the Second Class candidates should secure either,

(a) 35 % in English.,

and 35 % in any three of the following subjects and 30 % in the remaining two:—

1. Urdu.

2. Elementary Mathematics.

3. „ Science.

4. Indian History and Geography.

5. A Classical language, or a Modern language, or English

History or Algebra and Geometry, or Commerce or Domestic Science.

or (b) 35 % in English,

35 % in a Classical language or a Modern language, or English History, or Algebra and Geometry or Commerce or Domestic Science, and

35 % in any two of the following subjects and 25 % in the remaining two :—

1. Urdu.
2. Elementary Mathematics.
3. „ Science.
4. Indian History and Geography.

provided that in order to take advantage of this alternative the candidates secure an aggregate of 35 % of the total marks.

15. For a pass in the Third Class a candidate should secure 30 % in English and 30 % in three of the following subjects, 25 % in the remaining two and an aggregate of 30% :—

1. Urdu.
2. Elementary Mathematics.
3. „ Science.
4. Indian History and Geography.
5. A Classical language, or a Modern language or English History, or Algebra and Geometry or Commerce or Domestic Science.

The pass percentage in Theology and Morals shall be 30 per cent.

If a candidate fails to pass in the examination, he may reappear at any subsequent examination in those subjects only in which he has failed to secure 30 % marks. He will be declared to have passed the examination under the compartment system if he secures 30 % marks in each subject, but such candidates will not be eligible for admission to the University. This rule will also apply to those candidates who appeared under the new rules in 1342 Fasli. Such candidates will be exempted from attendance and appearing at the test examination.

Girl candidates, however, who pass under this rule will be eligible for admission to the college till 1347 F.

15. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination the subjects in which he was examined and the division in which he was placed.

17. The Registrar shall maintain and publish for general information, a list of High Schools recognised by the University.

Intermediate Examination.

1. The Intermediate Examination shall be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The Examination shall be open to :

- (i) All Matriculated Students of the Osmania University who have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.
- (ii) All those students who have matriculated at any of the Indian Universities or obtained the High School Leaving Certificate or passed any other such examination as the University may from time to time consider equivalent, and who have been admitted as undergraduates of the University, and have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

N.B.—(a) Students who have obtained a High School Leaving Certificate of His Exalted Highness' Government under the old rules can be admitted to a college of the Osmania University only at the discretion of the Principal.

(b) Students who have passed the examination under the new rules of the High School Leaving Certificate Board taking Urdu either as an additional language or for vernacular composition will be admitted automatically, while those who have not taken Urdu in either of these ways will be admitted on their satisfying the Principal as to their knowledge of Urdu for which test no fee will be charged.

(c) Students who have obtained the certificates issued by the High School Leaving Certificate Board in the various Provinces of the British India, will be admitted to the Osmania University in case they are eligible for admission to a University of the Province to which they belong and can satisfy the Principal as to their knowledge of Urdu.

(iii) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and who have been permitted under Regulation 3 below, to reckon a previous year of study at a college of any University recognised for the purpose by the University.

3. Any student may be admitted into the second year class of a college of the Osmania University provided he produces a certificate from the Principal of the college he was last attending, (affiliated to any of the Universities recognised by the University), stating that the first year at college has been duly kept by him according to regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the second year class of that college.

4. No candidate from a college of the University will be permitted to present himself at the Intermediate Examination in any Science subject, for which a practical course is necessary

under these rules, unless he shall produce a certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of candidates in Science subjects under Regulation 5 of these rules, evidence must be produced that the candidate has completed the required course at a laboratory approved of by the University.

N. B.—Private Candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should therefore ascertain, from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

5. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :—

- (a) Inspecting Officers of State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.
- (b) Laboratory assistants serving in a college of the University, provided that they produce from the Principal of the college in which they are employed, the certificate of laboratory work required from all Science candidates under regulation 4, and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.
- (c) Whole-time librarians serving in the library of any constituent college or the Asafia Library or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed, of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(d) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Matriculation Examination or its equivalent.

6. Candidates from the colleges of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as

private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subject or subjects they have changed.

7. Application of private candidates for admission to the examination, in the form prescribed, must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 20.

8. In the case of college candidates, applications for admission and certificates of attendance in the prescribed form together with a fee of Rs. 20 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

9. Upon the receipt of the application and the fee prescribed and also the attendance and progress certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

10. The Intermediate Examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

- | | |
|-------------------------------|---|
| (1) European Languages | Ordinarily in English. |
| (2) Sanskrit, Prakrit or Pali | In the language itself
or in English or in Urdu. |
| (3) Modern Indian Vernaculars | In the language itself
or in Urdu. |

N. B.—In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

11. The subjects for examination and the arrangements of the papers to be set in the different subjects shall be as follows :—

I. ENGLISH—Three papers

In English there will be three papers each of three hours' duration, one on Detailed Prose texts (100 marks), one on Poetry (65 marks) and Non-Detailed Prose texts (35 marks) and a third paper (100 marks) on Composition, Unseen and Translation.

II. Any three subjects from either of the following two groups :- GROUP A.

NOTE (1)—Under this group only the following combinations of subjects shall be allowed—

- A. Logic, Psychology, and a Classical Language or Economics or Sociology.
- B. (a) A Classical Language, Modern Language, and one of the following.
English History.
Indian History.
Islamic History
Economics.
Sociology.

N.B.—Persian to be treated as a Classical language.

(b) Arabic, Persian, and either Islamic History or Indian History,

- * C. (a) English History.
(b) One of the following :—
Islamic History.
Indian History.
European History.

(c) A Classical Language, (Arabic, Persian and Sanskrit) Marathi or Telugu or Economics or Sociology.

* Candidates offering these combinations only will be allowed to take History for their B. A. Examination.

† Only those candidates will be allowed to take up History of Indian Culture at their B. A. Examination who have offered Indian History for their Intermediate Examination.

(1) ENGLISH HISTORY.—Political and Constitutional. 1066 to the present day.

Two papers each of three hours' duration will be set which will include questions on historical geography :—

Paper I.—1066 to 1488 (general knowledge of the development of the constitution up to 1066).

Paper II.—1485 to the present day.

(2) ISLAMIC HISTORY.—From the birth of the Prophet up to the end of the Moorish Empire in Spain and the decline of the Fatemide Caliphate.

Two papers each of three hours' duration will be set which will include questions on historical geography :—

Paper I.—The Prophet, first four Caliphs and Omeyades.

Paper II.—Abbasides, Muslim rule in Spain and the Fatemide Caliphate.

(3) INDIAN HISTORY (with special reference to the History of the Deccan).

Two papers each of three hours' duration will be set which will include questions on historical geography :—

Paper I.—Up to the year 1526 A. D.

Paper II.—From 1526 to the present day.

(4) ANCIENT EUROPE (Greek History up to the Roman Conquest and Roman History up to 476 A. D.)

Two papers each of three hours' duration will be set which will include questions on historical geography :

Paper I.—Greek History, up to 146 B. C.

Paper II.—Roman History, up to 476 A. D.

(5) MEDIEVAL EUROPE, 476 to 1453.

Two papers each of three hours' duration will be set which will include questions on historical geography : -

Paper I.—476 to 1096.

Paper II.—1096 to 1453.

(6) MODERN EUROPE (1453 onwards).

Two papers each of three hours' duration will be set which will include questions on historical geography : -

Paper I.—1453 to 1789.

Paper II.—1789 to the present day.

(7) ECONOMICS.

There shall be two papers in Economics, each of three hours' duration.

Paper I.—General Economics.

Paper II.—Indian Economics.

(8) SOCIOLOGY.

There shall be two papers in Sociology each of three hours duration :—

Paper I.—Theoretical Sociology.

Paper II.—Practical Sociology.

(9) One of the following Modern Languages :

Urdu, Persian, Marathi, Telugu, Kanarese, French and German.

Two papers each of three hours' duration will be set in each of these languages. The first paper (100 marks) will be on the prescribed text-books. The second paper (100 marks) on Grammar, Composition and Translation will consist of an essay and questions on composition and pieces of Urdu prose for translation into the language selected.

In Urdu the distribution of papers will be as follows : --

Paper I.—Prose	50 marks.
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Poetry	40 "
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Non-Detailed	10 "
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Paper II.—Grammar, Prosody, etc.	25 ,,
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Composition	50 "
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Paper II.— (Continued)	Marks
Translation from Urdu into Hindi	15 ,,
Translation from Hindi into Urdu	10 ,,

(10) One of the following Classical Languages :—

Arabic, Persian (unless already taken under 9), Sanskrit, Latin and Greek.

Two papers each of three hours' duration will be set in each of these languages. The first paper (100 marks) will be on the prescribed text-books. The second paper (100 marks) in all the languages except Arabic will be on Grammar and consist of pieces of Urdu prose for translation into the languages selected.

The division of the marks in Arabic 2nd paper will be as follows :—

Grammar 40 marks.

Translation from Arabic into Urdu 30 ..

Translation from Urdu into Arabic 30 ..

Questions on non-detailed texts in Arabic will be set in paper II.

(11) LOGIC.—Deduction and Induction.

There will be two papers in Logic each of three hours' duration.

Paper I.—Deductive Logic

Paper II.—Inductive Logic

(12) PSYCHOLOGY.

There will be two papers in Psychology, each of three hours' duration.

Paper I.—Problems and Methods of Psychology, Psychological Organism and Nervous System, Sensation, Perception, Discrimination and Association, Attention, and Habit.

Paper II.—Rest of the subject.

GROUP B.

(1) PHYSICS.

There will be two papers in Physics each of three hours' duration.

Paper I.—General Properties of Matter, Heat and Sound
75 marks.

Paper II.—Light, Electricity and Magnetism. 75 , ,

There will also be a Practical examination of three hours' duration for which 50 marks will be assigned.

(2) CHEMISTRY.

There will be two papers in Chemistry each of three hours' duration.

Paper I.—General Chemistry and Organic Chemistry
75 marks.

Paper II.—Metals and Non-Metals 75 „

There will also be a Practical examination of four hours' duration for which 50 marks will be assigned.

(3) BIOLOGY.

	Marks.
BOTANY.—Paper I. Theoretical ..	$2\frac{1}{2}$ hours 60
Paper II. Practical ..	2 hours 40

ZOOLOGY.—Paper I. Theoretical ..	$2\frac{1}{2}$ hours 60
Paper II. Practical ..	2 hours 40

N.B.—In order to secure a pass the candidate shall have to obtain 30 per cent. of the full marks in the subject and a minimum of 20 per cent. in each of the branches, viz., Botany and Zoology.

(4) MATHEMATICS.

There will be 3 papers in Mathematics each of three hours' duration and will be divided into two sections, a certain minimum number of questions being compulsory from each section. Choice of questions to the extent of 10 per cent. may be allowed.

<i>Paper I.</i>		Marks.
Algebra ..	.. 40	} 80 Marks.
Trigonometry ..	.. 40	
<i>Paper II.</i>		60 Marks.
Geometry—Plane & Solid ..	40	60 Marks.
Geometrical Conics ..	.. 20	
<i>Paper III.</i>		60 Marks.
Analytical Geometry ..	.. 30	
Calculus ..	.. 30	
Total ..		200 Marks.

III. THEOLOGY OR MORALS.

There will be one paper of three hours' duration in this subject, carrying 100 marks.

N.B.—Examinations in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects shall not be included in the grand total of the marks; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at the Examination.

12. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. of the full marks in each subject. Should a candidate, however, not obtain 30 per cent. of the full marks in *one subject only*, he shall be declared to have passed the examination, provided he secures not less than 30 per cent. in that subject and makes an aggregate of 40 per cent.

13. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in the serial order of their roll numbers.

14. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

15. For the purposes of the Compartment System, the examination shall be divided into the following two groups :—

- (1) English.
- (2) Optional subjects.

A candidate passing in any one of these groups shall be exempted from appearing in that group at a subsequent examination, provided that he has secured not less than 35 per cent. of the marks in the aggregate and that in the group in which he fails he makes an aggregate of not less than 25 per cent. But the candidate who so fails to pass only in one group shall be allowed, if he so desires, to appear for the whole of a subsequent examination.

The results of candidates taking the option of appearing in the whole examination in a subsequent year, will be adjusted solely on the merits of the subsequent examination.

No candidate shall be classed unless he has passed in the whole examination at one attempt.

Candidates who appear in a subsequent Examination in the group in which they failed in the previous examination, will be required to secure 33 per cent. of the marks in each subject of the group.

B. A. Examination.

1. The examination for the degree of Bachelor of Arts shall, be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : -

- (1) All students who have satisfactorily completed a regular course of study in a college of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto.
- (2) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and who have been permitted, under Regulation 3 below, to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a college of a University recognised for the purpose by the University.

3. Any student may be admitted to the final class of a college of the Osmania University, provided he produces a certificate from the Principal of the college (affiliated to any of the Universities recognised by the University) he was last attending, that the penultimate year of his degree course at college has been duly kept according to the regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the final class of that college.

4. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination : -

N.B.—Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should therefore ascertain, from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

(a) Inspecting Officers of the State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(b) Whole-time librarians serving in the library of any constituent college, or the Asafia Library or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(c) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

5. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subject or subjects they have changed.

6. Applications of private candidates for admission to this examination, in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 30.

7. In the case of college candidates, applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6% lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

8. Upon the receipt of the application and the fees prescribed and also the attendance certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate, a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

9. The B. A. Examinations shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

- (1) European Languages Ordinarily in English.
- (2) Sanskrit, Prakrit or Pali. In the language itself, or in English or in Urdu.

(3) Modern Indian Vernaculars.	In the language itself or in Urdu.
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N. B.—In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set, and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

10. The subjects for examination are as follows :—

I. English.

II. One of the following schools :—

- (a) Languages.
- (b) Mathematics.
- (c) History.
- (d) Philosophy.

III. Theology or Morals.

I. English :—

4 papers as follows :—	Marks
(i) Detailed Prose	80
History of Literature	20
(ii) Detailed Poetry	80
History of Literature	20
(iii) Essay	75
Unseen	25
(iv) Non-Detailed Texts	70
Translation from Urdu into English	30

NOTE.—(1) Questions on the History of Literature will be compulsory.

(2) No candidate shall be admitted to the B. A. Examination unless the Head of the Department of English certifies that he has written at least 25 essays during the two years' B.A. course. This certificate will not be required in the case of Private candidates and Ex-students.

II. (a) *Languages* :—

One of the following Classical Languages :—

Arabic.

Persian with Elementary Arabic.

Sanskrit.

Latin.

Greek.

AND one of the following Modern Languages :—

Persian (unless already taken), with Elementary Arabic.

Urdu with Hindi Bhasha.

Telugu.

Marathi.

Kanarese.

French.

German.

A knowledge of the history of the language and literature in the languages selected will be required.

There will be three papers in each of the two languages selected.

CLASSICAL LANGUAGES :—

The first paper in Arabic and Sanskrit will be on Prose (75 marks) and History of Literature (25 marks); the second paper will be on Poetry (75 marks), and Rhetoric and Prosody (25 marks); and the third paper will be as follows :—

ARABIC :— Translation from Arabic into Urdu. . . 40 marks.

Translation from Urdu into Arabic . . . 40 ,,

Grammar 20 ,,

SANSKRIT :— Translation from Sanskrit into Urdu 35 marks

Translation from Urdu into Sanskrit . . . 35 ,,

Grammar 30 ,,

PERSIAN :—

The arrangement of the first and second papers in Persian will be the same as of those in Arabic and Sanskrit. The third paper will be as follows :—

Translation from Urdu into Persian 30 marks.

Composition 40 ,,

Arabic Grammar 12] 30 marks

Translation from Arabic into Urdu. 18] 30 marks

MODERN LANGUAGES:—

The first and second papers in Modern Languages will be the same as in Arabic and Sanskrit, but the first paper in Urdu will contain a question on precis-writing which would carry not less than 10 marks.

The distribution of marks in the 1st and 2nd papers in Telugu and Kanarese will be as follows :—

Paper I	Prose 50 marks.
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	Drama ,,
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Paper II	Poetry 50 ,,
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	History of Literature 25 ,,
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	Prosody and Rhetoric 25 ,,
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The third paper in all the Modern Languages with the exception of Urdu will be on composition (75 marks) and precis-writing (25 marks).

The third paper in Urdu will be on composition (70 marks) and Hindi Bhasha (30 marks). There will be two questions on Bhasha one being on translation from Urdu into Bhasha (18 marks) and the other on translation from Bhasha into Urdu (12 marks).

(b) **MATHEMATICS.** 6 papers of 100 marks each :—

Paper I.— Algebra, Theory of Equations, Trigonometry and Pure Geometry.

Paper II.— Analytical Geometry of two dimentions and elementary portion of 3 dimensions and Differential Calculus,

Paper III.—Integral Calculus and Differential Equations.

Paper IV.—Statics and Hydrostatics.

Paper V.—Graphical Statics and Dynamics and Elementary portion of rigid Dynamics in two dimensions.

Paper VI.—Astronomy and Astro Physics

(c) *History.*

Paper I. General Historical Essay.—100 marks (candidates must also produce a certificate from the Head of the Department of History, that he has written at least 30 satisfactory Essays during his III and IV years).

Paper II. Political Science (Theoretical and Comparative)—
100 marks.

Paper III. Economics or Sociology—100 marks.

Paper IV. Indian History —100 marks.

One of the following periods :

Ancient—upto 1206.

Medieval—1206 to 1765.

Modern—1765 Onwards.

Paper 5. General, containing :—

- (1) History of the Deccan, covering the period of Indian History taken by the candidate.
- (2) Elements of the Cultural History of India with reference to the period of Indian History taken by the candidate.
- (3) Constitutional History of Modern India.

N.B.—Questions on Sections (1) and (2) will be set by the Examiner in Indian History and those on Section (3) by the Examiner in Political Science.

Paper 6. One of the following 100 marks :

- (1) Select period of Islamic History.
- (2) Select period of European History.
- (3) The whole of English Constitutional History.
- (4) The whole of the History of Indian culture.

N.B.—Candidates will be expected to answer questions on Historical Geography.

(d) *Philosophy* :—

(i) General Philosophy.

Paper I—Nature, Schools and Problems of Philosophy.

„ II—A brief sketch of the History of Philosophy together with a special study of an original work of any of the following Philosophers :—
Descartes, Berkeley or David Hume.

(ii) Oriental Philosophy.

Paper III—Hindu Philosophy.

„ IV—Outlines of Islamic Philosophy, Kalam and Sufism.

(iii) Psychology.

Paper V—Elements of Psychology with allied Physiology.

(iv) Ethics.

Paper VI—A brief study of Theoretical and Practical Ethics.

III. *Theology or Morals* (one paper)

N.B.—(1) Examinations in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subject shall not be included in the grand total of the marks : but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

11. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject.

12. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in serial order of their roll numbers.

13. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

14. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

M. A. Examination

1. An examination for the degree of Master of Arts shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Arts.

2. The M. A. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.

3. The examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelor of Science of a recognised University who have passed the B. A., or B. Sc. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University *

No candidate shall be allowed to put in regular attendance, or to appear, at the M.A. and LL.B. Examinations at one and the same time.

4. No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. lectures during each academic year. The Syndicate shall have, however, the power to condone the deficiencies in attendance not exceeding 6 % lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.

5. A candidate for admission to the M.A. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

* Lady candidates shall be allowed to appear privately in the examination in Arabic, Persian and Urdu only,

6. The examination shall be held for the present in the following subjects :—

1. Arabic.
2. Persian.
3. Urdu.
4. History.
- • 5. Philosophy.
6. Mathematics.

In Persian, Urdu, History and Philosophy there will be two Examinations—Previous and Final—and the candidates will be examined at the end of each year.

(1) ARABIC.—(Eight papers —100 marks each.)

1st Paper Poetry.

- | | |
|-------|--|
| 2nd „ | Prose, Historical. |
| 3rd „ | Prose, Non-Historical. |
| 4th „ | History of Language and Literature. |
| 5th „ | Rhetoric and Prosody. |
| 6th „ | Hebrew, French or German—Grammar and Translation into Urdu of easy Hebrew, French, or German passages. |
| 7th „ | Translation from Urdu into Arabic and Arabic Composition. |
| 8th „ | Essay in Urdu on a subject connected with the History, Literature and Civilisation of the Arabs. |

(2) PERSIAN :—

PREVIOUS EXAMINATION :—Four papers .. 400 marks.

1st Paper—Poetry (Classical) ..	.. 100 ..
2nd „ —Prose .. ..	.. 100 ..
3rd „ —Set Composition in Persian on modern topics ..	.. 100 ..

**4th Paper -Translation into Urdu from books
prescribed in Arabic and Persian,
Rhetoric and Prosody. . . 100 marks**

FINAL EXAMINATION : -(Two papers and a Thesis) 100	..	..	..	..	..
1st Paper—Literary history of Persia from the earliest times to the Mongols.	..	100	..	..	..
2nd .. —Literary history of Persia from the Mongol Period to the present day.	..	100	..	..	..
Thesis .. .. .. ..	..	..	..	..	200 ..

The Thesis will be of about 50 pages and will be written under the supervision and with the advice of the Professor concerned, on a subject approved by the Board of Studies in Persian. It will be valued by two or three experts. There will be a *civa zee* Examination. The candidate will have to satisfy the examiners that he has availed of original sources.

The Thesis may be submitted on any one of the following subjects:—

- (1) Evolution of the Persian Language and Literature.
 - (2) Literary criticism of any particular period.
 - (3) Research in any particular branch of Literature.
 - (4) Lives of famous authors and reviews on their works.
 - (5) Critical edition of an important work with an introduction to it.
 - (6) Development of the Persian language in India.
 - (7) Treatment of any controversial problem relating to the history, Literature and civilization of Persia in the light of modern research.

(3) URDU :—

PREVIOUS EXAMINATION :—Four papers .. 400 marks.

1st Paper—Old Urdu	..	.. 100	„
2nd „ Poetry	..	.. 100	„
3rd „ Prose	..	.. 100	„
4th „ Essay	..	.. 100	„

FINAL EXAMINATION—(Two papers and a Thesis) 400 „

1st Paper—History of the Urdu Language and Literature ..	.. 100	„
2nd „ Hindi Bhasha. ..	.. 100	„
Writing a Thesis or editing a book ..	.. 200	„

The Thesis will be written with the advice and under the supervision of the Professor concerned on a subject recommended by the Professor and approved by the Board of Studies in Urdu.

Only those candidates will be admitted to the M.A. Examination in Urdu or Persian who have graduated with Urdu and Persian.

(4) HISTORY.

1st Paper—Early Political Institutions (Indian, Islamic, and European) upto 1,500.

or

Later Political Institutions from 1,500 upto present day.

2nd Paper—Political theories (Indian, Islamic and European) upto 1,500.

or

Later Political Theories from 1,500 upto present day.

NOTE :—

Students shall study the Political Theories of only that period the political institutions of which they have selected for study in Paper I above.

3rd and 4th Papers--Intensive study of two of the following,
100 marks each :-

- (a) A period of Indian History with reference to the History of the Deccan.
- (b) A period of Islamic History.
- (c) A period of Modern European History.
- (d) A period of English Constitutional History.

FINAL HISTORY :-

1st Paper—General Historical Essay. 100 marks

2nd Paper.

- | | |
|---|----|
| (a) A special topic of Comparative Politics. .. | 50 |
| (b) A special topic of Political Theories. .. | |

Thesis—Containing at least 10,000 words written
on a subject taken by the candidate
for his M. A. 200 marks

Viva Voce—(a) General, to test the general
efficiency of the candidate in the
papers offered by him for
Previous and Final Examinations. 50 "

(b) Language, to test whether the
candidate has used the authorities
for his thesis in their original
form. 50 "

N. B.—(1) No candidate will be deemed to have passed the M. A., (History)
Examination unless he obtains not less than 30 per cent. of
the marks in 2nd Paper of the Final Examination.

(2) Only those candidates who have passed the B. A., Examination
in History or who have taken the M. A. degree in any other
Subject and who have prosecuted a regular course of study for
not less than one academic year at one of the constituent col-
leges of the University will be allowed to sit for the Previous
Examination. In the same way only those candidates will be
allowed to sit for the Final Examination who have already
passed the Previous Examination and have since prosecuted
a regular course of study for not less than one academic year
at one of the constituent colleges of the University.

- (3) The subject for the thesis and the choice of the language offered must be sanctioned by the Board of Studies in History at least one calendar year before the examination. No candidate will be allowed to offer his own mother-tongue for his viva voce.
- (4) The special topics and periods will be announced at least one calendar year before the examination but not more than one special topic or period will be so prescribed for each year.
- (5) Every candidate shall submit two copies of his thesis at least one Fasli month before the first day of the examination. The Registrar will on the declaration of the result deposit one of these copies in the University archives, while the other copy will be sent to the Osmania University College Library for safe custody and use.
- (6) The thesis submitted by the candidates will be compiled with the advice and under the guidance of the Professor concerned.
- (7) In submitting their theses and while answering their papers, candidates should always bear in mind that according to Islamic etiquette due reverence should be shown towards Islam, eminent Islamic personages and Islamic teachings.

5. PHILOSOPHY.

PREVIOUS EXAMINATION :—

1st Paper—Oriental Philosophy, Indian or Islamic.

2nd „ One Special Philosopher from among the Western thinkers.

3rd „ Metaphysics with special reference to contemporary thought.

4th „ Essay.

5th & 6th Papers—Two of the following :—

1. Logic and Epistemology.
2. Aesthetics.
3. Philosophy of Religion.
4. Ethics and Political Philosophy.
5. Psychology.

FINAL EXAMINATION : -

A Thesis of not less than 10,000 words on any subject of Philosophy previously approved of by the Board of Studies. } 200 marks

Viva Voce.

1st & 2nd Papers :-- 200 marks

Two subjects allied to the subject of the Thesis.

(6) MATHEMATICS : -(Nine papers).

1st Paper—Algebra, Theory of Equations, Plane Trigonometry, Differential Equations.

2nd „ Pure Geometry.

Analytical Geometry (Pure and Solid.)
Differential Geometry-Curves and Surfaces.

3rd „ Calculus (Differential and Integral)

Theory of Functions of a real variable.

4th „ Theory of Functions of a complex variable,

Elliptic Functions excluding \wp Functions.
Fourier Series.

5th „ Attraction.

Electricity and Magnetism.

6th „ Analytical Statics of two and three dimensions.

Dynamics of a particle.

Rigid Dynamics in two dimensions only.

7th „ Hydrostatics including Capillarity.

Hydrostatics excluding Vortex Motion and Sound.

8th Paper Spherical Trigonometry.

Spherical Astronomy, Optics.

9th „ Problem and Essay paper consisting of two sections. In the first section at least two problems to be solved and in the other section not more than two essays to be written.

7. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum

pass marks shall be required in each paper, but if in any paper a candidate obtains less than one-fifth of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examinations will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examination will be added to the marks gained by them at the Final Examination and the rank secured by them will be determined accordingly.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee, but he may be admitted without further attendance at lectures to any subsequent examination on the payment of a like fee.

9. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the class in which he was placed.

FACULTY OF SCIENCE.

B. Sc. Examination.

1. The examination for the degree of Bachelor of Science shall be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : -

(a) All students who have satisfactorily completed a regular course of study in a College of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto, with Physics and Chemistry as their optional subjects.

(b) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a College of the Osmania University and who have been permitted under Regulation (3) below to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a College of a University recognized for the purpose by the University.

3. Any student may be admitted to the final class of a College of the Osmania University provided he produces a certificate from the Principal of the College (affiliated to any of the Universities recognized by the University) he was last attending that the penultimate year of his degree course at College has been duly kept according to the regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the final class of that College.

4. Laboratory Assistants serving in a College of the University will be allowed to appear privately for this examination provided that they produce from the Principal of the College, in which they are or have been employed, the certificate of Laboratory work required under Regulation (12) and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at that examination. It is also necessary that by the date of the Examination not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

5. Candidates from a college of the University who have been allowed to appear at the examination once but have not

been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided that they do not change the subjects they had studied at College. In case they change any of their subjects they shall be required to put in fresh attendance in the College in the subject or subjects they have changed.

6. Applications of private candidates in the form prescribed must reach the Registrar not less than two months before the examination accompanied by a fee of Rs. 30.

7. In the case of College candidates application for admission and certificates of attendance and progress in the form prescribed together with a fee of Rs 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

8 Upon the receipt of the application and the fee prescribed, and also the attendance certificates in case of candidates from colleges the Registrar shall at least a week before the examination cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

9. The B Sc. Examination shall be conducted by means of printed papers. Papers in all the subjects except English will be set and answered in Urdu.

10. The subjects for examination are as follows:—

I. English.

II. One of the following groups:—

a. Physics as main with Mathematics and Chemistry as subsidiary.

N. B.—Examination in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects shall not be included in the grand total of the marks, but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

(2) All the papers detailed above will be of three hours' duration.

12. No candidate from a college of the University will be permitted to present himself at the B. Sc. Examination in any Science subject for which a practical course is necessary under these rules unless he produces certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of private candidates appearing under Regulation 4 evidence must be produced that the candidate has completed the required course in a laboratory approved of by the University.

13. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject. In subjects in which a practical test is compulsory, the required percentage shall be 33 per cent. in the theoretical part of the examination as well as in the practical test.

14. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the first class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the second and third classes shall be arranged in serial order of their roll numbers.

15. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

16. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination, on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

M. Sc. Examination.

1. An examination for the degree of Master of Science shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Arts.
2. The M. Sc. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.
3. The examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelors of Science of a recognised University who have passed the B. A., or B. Sc. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.
4. No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. of the lectures during each academic year. The Syndicate shall have, however, the power to condone the deficiencies in attendance not exceeding 6% lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.
5. A candidate for admission to the M. Sc. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.
6. The examination shall be held for the present in the following subjects :—
 1. Chemistry.
 2. Physics.

(1) *Chemistry.*

*Previous Examination :—*Lectures on advanced Inorganic Organic, and Physical Chemistry, and advanced practical work. In lectures special attention will be paid to the applied side of the subject and its history. The practical work shall include

complex Inorganic Analysis (both qualitative and quantitative) preparation and identification of Organic Compounds, a few exercises in Commercial Organic and Inorganic Analysis and Physico-Chemical Measurements.

An examination shall be held at the end of the 1st year which shall consist of the following papers :-

	Marks
1st Paper General and Inorganic Chemistry	.. 100 ^
2nd .. Organic Chemistry	.. 100
3rd .. Physical Chemistry	.. 100
4th .. Practical including mineral Analysis	.. 100
5th .. Organic Analysis and Organic Preparations	.. 100
6th .. Physico-Chemical Measurements	.. 100
Total	.. 600

Final Examination :—In the Second or Final Year, the student shall choose either Organic Chemistry or Physical Chemistry as his special subject and attend advanced lectures on that subject. The rest of his time will be occupied in conducting some research work and reading about the subject of his research with the help of a Professor. At the end of the year, he shall be required to submit the results of his research in the form of a Thesis.

In addition to an Oral Examination in the subject of his Thesis, he shall appear in a written examination consisting of two papers only, in Organic or Inorganic Chemistry according to his choice. The marks for each will be as follows :-

	Marks
Thesis including Oral	.. .. .. 200
1st Paper	.. .. .. 100
2nd ..	.. .. .. 100
Total	.. 400

(2) *Physics.*

PREVIOUS EXAMINATION.	Marks
1st Paper General Physics and Sound.	.. 100
2nd .. Optics (Geometrical and Physical)	.. 100
3rd .. Heat including Thermodynamics	.. 100
4th .. Practical Examination in Properties of Matter, Heat and Sound. ..	.. 100
5th .. Practical Examination in Optics	.. 100
	—
Total	.. 500
	—
FINAL EXAMINATION.	Marks
1st Paper Classical Electricity and Magnetism	.. 100
2nd .. Modern Electricity ..	.. 100
3rd .. Some Special Subject—any one of the following :—	.. 100
(a) Spectroscopy (Including Quantum Theory).	
(b) X-Rays.	
(c) Wireless Telegraphy and Telephony.	
(d) Photo-Electricity and Television.	
4th Paper Practical Examination in Electricity ..	100
5th Paper Report on practical work intensively carried out by the candidate with a view to verify and supplement the available data on some special problem of Physics.	Marks 100
Total ..	500
	—

The Theoretical papers will be of 3 and the Practical of 4 hours' duration.

7. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but that candidates should pass separately in the Theoretical and Practical portions of the Examination and if in any paper a candidate obtains less than 25 per cent. of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examinations will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examinations will be added to the mark gained by them at the Final Examination and the rank secured by them will be determined accordingly.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee.

9. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the class in which he was placed.

FACULTY OF THEOLOGY.

Matriculation Examination.

1. The Matriculation Examination shall be held once a year at Hyderabad, Aurangabad, Gulburga, Warangal and Bhopal, at such time and on such dates as the Syndicate may prescribe.
2. The examination shall be open to :—
 - (i) All those who have satisfactorily prosecuted a regular course of study for this examination at one or more High Schools recognised by the Osmania University. Such candidates shall be named *pupil candidates*.
 - (ii) All those who have studied privately either in the Dominions or outside for this examination provided that they shall not have attended any high school recognised by the University for not less than six months prior to the date of the examination.
 - (iii) All those who have passed the Maulvi Examination of His Exalted Highness the Nizam's Dominions or of the Punjab University up to the year 1906. Such students will have to appear in English only on passing in which subject they will be considered to have passed in the whole of the examination.
3. No candidate shall be admitted to the Matriculation Examination unless he shall have completed the age of fifteen years by the first day of Shahrewar (July) of the year in which he applies for admission to the examination.
4. Applications for admission to the examination in the form prescribed must reach the Registrar not less than two months before the commencement of the examination, accompanied by a fee of Rs. 10 in the case of pupil candidates, Rs. 15 in the case of candidates referred to in Rule 2 (ii), and Rs. 5 in the case of candidates referred to in Rule 2 (iii).
5. Pupil candidates must submit the following certificates from the Headmaster of the school where they last studied together with their application for admission :—
 - (1) Certificate of attendance stating that the student has attended school in the Matriculation class for not less than 60 per cent. of the working days during the school year immediately preceding the examination.

(2) Certificate of good character and good conduct at school.

(3) Certificate of age in accordance with rule 3.

(4) Certificate of progress in the subjects of study.

In cases recommended by the Headmaster, the Syndicate may for sufficient reasons condone deficiency in attendance not exceeding 31 days. When a student has studied in two or more schools during the school year immediately preceding the examination, his combined attendances in all schools attended by him during the period will be taken into account in determining his attendance.

6. Candidates referred to in Rule 2 (ii) must submit the following certificates from the Headmaster of a Government High School recognised by this University.

(1) Certificate stating that the student has passed a Test Examination held in the School to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

7. Candidates referred to in Rule 2 (iii), must, in addition to the original certificates showing the examination passed on the basis of which application is being made, submit the following certificates from the Headmaster of a Government High School recognised by this University.

(1) Certificate stating that the candidate has passed a Test Examination in English, held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

N.B.—Teachers from recognised schools of the University will be exempted from passing a test examination provided they produce a certificate from the Divisional Inspector of Schools stating that the candidate is eligible for admission to the matriculation class and that he is expected to get through.

8. Candidates who have once been duly permitted to appear at this examination are entitled to appear at any subsequent Matriculation Examination as private candidates under Rule 2 (ii) and (iii) on production only of Certificates (1) and (2) mentioned above.

9. On receipt of the application and the fee prescribed and of the necessary certificates, the Registrar shall at least a fortnight before the examination, cause to be furnished to the candidate a receipt for the fee received which will also serve as a

ticket of admission to the examination hall to be produced by the candidate when called for.

10. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee.

11. The Matriculation Examination shall be conducted by means of printed papers. With the exception of English the papers in all other subjects will be set and answered in Urdu.

12. The subjects for the examination and the arrangement of the papers to be set in the different subjects shall be as follows :—

(1) ENGLISH.

There shall be two papers in English each of $2\frac{1}{2}$ hours' duration. The first paper (100 marks) will be on the Detailed Texts, Grammar and Idiom. The second paper (100 marks) will be on Composition and Translation from Urdu into English (70 marks) and non-detailed Texts (30 marks).

(2) HISTORY AND GEOGRAPHY.

There shall be two papers of two hours' duration each in this subject :—

1st Paper : History of India (50 marks).

2nd Paper : General Geography of the world with special reference to India (50 marks).

(3) MATHEMATICS—(Elementary).

There will be two papers of 2 hours' duration each.

I Paper Arithmetic	..	30 Marks
Algebra ..	..	20 ..
II Paper Practical Geometry ..	30 ..	
Mensuration ..	20 ..	

* (4) ELEMENTARY SCIENCE :—

There will be one paper of 3 hours' duration carrying 100 marks. The paper shall be divided into sections A (Physics) and B (Chemistry); 50 marks will be assigned to each section.

* Candidates are expected to perform at least 10 experiments in a year and have a record of their practical work regularly initialised by the teacher in charge. No candidate shall be allowed to appear for the Examination unless he has produced a full record of his practical work. But there shall be no examination in practical science.

(5) ARABIC.

There will be two papers in this subject (of two hours each); the first paper (60 marks) will be on the prescribed text-books and the second paper (40 marks) will be on Grammar and Translation.

(6) AQAIQ

There shall be one paper (100 marks) of three hours' duration in this subject.

(7) FIQAH WA HADIS.

There will be one paper (100 marks) of three hours' duration in this subject

13. Successful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the First Class.

14. For a pass in the Second Class candidates should secure 35% in English, Arabic, Fiqah wa Hadis and Aqaid wa Mantiq and 30% in the remaining subjects. Those candidates will be declared to have passed in the Third class, who secure 30% in English, Arabic, Fiqah wa Hadis, and Aqaid wa Mantiq, 25% in the remaining subjects and 30% in the aggregate.

Successful candidates of First Division shall be arranged in order of proficiency as determined by the total number of marks obtained. The Second and Third Classes shall be arranged in the serial order of their roll numbers.

15. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the division in which he was placed.

16. The Registrar shall maintain and publish for general information, a list of High Schools recognised by the University.

Intermediate Examination.

1. The Intermediate examination (Faculty of Theology) shall be held once a year in Hyderabad, at such time and on such dates as the Syndicate may prescribe.

2. The examination shall be open to -

(i) All Matriculated students of the Osmania University (Faculty of Theology) who have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

(ii) All those students who have matriculated at the Osmania University (Faculty of Arts) or at any of the recognised Indian Universities or obtained the High School Leaving Certificate of His Exalted Highness' Government or passed any other such examination as the University may from time to time consider equivalent, and who have been admitted as under-graduates of the University (Faculty of Theology) and have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a College of the Osmania University. Provided that all such students shall have passed in Arabic in the Matriculation Examination or in its equivalent examination.

N.B.—Students who have obtained a High School Leaving Certificate of His Exalted Highness' Government can be admitted to a college of the Osmania University only at the discretion of the Principal.

3. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :—

- (a) Inspecting Officers of the State Educational Department, and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspectors of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.
- (b) Whole-time librarians serving in the library of any constituent college or the Asafia Library, or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed, of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.
- (c) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Matriculation Examination or its equivalent.

N.B.—Students who have passed the Intermediate Examination (Faculty of Arts) of the Osmania University or that of a recognised University shall be allowed to appear privately at the Intermediate Examination of the Faculty of Theology only in the subjects in which they have not already passed, for the purpose of their joining the B.A. Class of the Faculty of Theology of the Osmania University. But such students shall not be entitled to any certificate of having passed the examination.

4. Candidates from a college of the University, who have been allowed to appear at the examination once but have not been able to appear or have failed to pass, may be admitted as private candidates to a subsequent examination.

5. Applications of private candidates for admission to this examination, in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 20.

6. In the case of college candidates, applications for admission and certificates of attendance in the prescribed form together with a fee of Rs. 20 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 percent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 % lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorized medical officer which can satisfy the Principal.

7. Upon the receipt of the application and the fees prescribed and also the attendance and progress certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim a refund of the admission fee.

8. The Intermediate Examination shall be conducted by means of printed papers. With the exception of the English language, papers in all subjects will be set and answered in Urdu.

9. The subjects for examination and the arrangement of the papers to be set in the different subjects shall be as follows : -

(1) ENGLISH.

In English there will be three papers, each of three hours' duration, one on Detailed Prose texts (100 marks), one on Poetry (65 marks) and Non-detailed Prose texts (35 marks) and a third paper (100 marks) on Composition, Unseen and Translation.

(2) ARABIC.

There shall be two papers each of 3 hours' duration in this subject. The first paper (100 marks) shall be on the prescribed text-books. The second paper (100 marks) will be on Grammar and consist of pieces of Urdu Prose for translation into Arabic.

(3) FIQAH AND USUL-I-FIQAH.

There shall be two papers each of three hours' duration in this subject :--

Paper I.—Usul-i-Fiqah including Elements of Logic	100 marks.
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Paper II.—Fiqh.	100 ..
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(4) TAFSIR, AND HADIS.

There shall be two papers each of three hours' duration in this subject : -

Paper I.—Tafsir.	100 marks.
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Paper II.—Hadis and Usul-i-Hadis	100 ..
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(5) AQAID, INCLUDING MABADIYAT-I-HIKMAT.

There shall be one paper (100 marks) of three hours' duration in this subject.

10. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. of the full marks in each subject. Should a candidate however, not obtain 33 per cent. of the full marks in *one subject only*, he shall be declared to have passed the examination provided he secures not less than 30 per cent. in that subject and makes an aggregate of 40 per cent.

11. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the second class and third class shall be arranged in the serial order of their roll numbers.

12. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

13. For the purposes of the Compartment System, the examination is divided into the following three groups :—

(1) English.

(2) Arabic.

(3) Theology subjects (Fiqha, Tafsir. and Aqaid).

A candidate who fails in any one of these groups and passes in the other two, shall be allowed to appear at a subsequent examination only in the group in which he failed, provided that the marks obtained by him in that group in the previous examination do not fall short of 25 per cent. For passing in group (3) under this system he shall obtain 33 per cent. in each of the subjects of that group. Such candidates shall however, if they so desire, be allowed to appear for the whole of a subsequent examination, but if they fail in that examination they will not be deprived of the concession gained at the first examination.

No candidate shall be classed unless he has passed in the whole examination at one attempt.

B. 1. Examination.

1. The examination for the degree of Bachelor of Arts (Faculty of Theology) shall be held once a year in Hyderabad at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : -

- (1) All those students who have passed the Intermediate Examination of the Osmania University in the Faculty of Theology.
- (2) All those students who besides passing the Intermediate Examination of a recognised University have also passed the *Hijri* Examination or its equivalent of a recognised University.
- (3) All those students who after passing the Intermediate Examination of a recognised University with Arabic as one of the optional subjects have passed the Intermediate Examination (Faculty of Theology) of the university in the Theology subjects. They will be required to appear in Arabic also in case they did not take that subject in their previous examination.

Provided that all these students have satisfactorily completed a regular course of study in a college of the University for not less than two academic years after passing the aforesaid examinations.

3. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :

- (a) Inspecting Officers of the State Educational Department, and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspectors of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.
- (b) Whole-time librarians serving in the library of any constituent college or the Asafia Library, or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(c) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination.

4. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In the case of any change they shall be required to put in fresh attendance in the college in the subject they have changed.

5. Applications of private candidates for admission to this examination in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 30.

6. In the case of college candidates, applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidates desire to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.

7. Upon the receipt of the applications and the fees prescribed, and also the attendance certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim a refund of the admission fee.

8. The B. A. Examination shall be conducted by means of printed papers. With the exception of English, papers in all subjects will be set and answered in Urdu.

9. The subjects for examination are as follows :—

(1) ENGLISH :—

Four Papers as follows :—

<i>1st Paper.</i>			Marks
Detailed Prose ..	..	..	80
History of Literature ..	..	..	20
			100
<i>2nd Paper.</i>			
Detailed Poetry ..	..	..	80
History of Literature ..	..	..	20
			100
<i>3rd Paper.</i>			
Essay ..	..	..	75
Unseen ..	..	..	25
			100
<i>4th Paper.</i>			
Non-Detailed Texts ..	..	..	70
Translation from Urdu into English ..	..	..	30
			100

NOTE.—(1) Questions on the History of Literature will be compulsory.

(2) No candidate shall be admitted to the B. A. Examination unless the Head of the Department of English certifies that he has written at least 25 essays during the two years' B. A. course. This certificate will not be required in the case of Private candidates and ex-students.

(2) ARABIC :—

There will be three papers in this subject :

The first paper will be on Prose (75 marks) and History of Literature (25 marks); the second paper will be on Poetry (75 marks) and Rhetoric and Prosody (25 marks) and the third paper will be as follows :—

Translation from Arabic into Urdu ..	..	40 marks
Translation from Urdu into Arabic ..	..	40 ..
Grammar ..	..	20 ..

(3) FIQAH AND USUL-I-FIQAH.

There shall be two papers of three hours' duration each in this subject :

1st paper—Fiqah (including Fatwa Navisi) 100 marks.

2nd paper—Usul-i-Fiqah.

(4) Any one of the following subjects :

(a) Tafsir—two papers (100 marks each.)

(b) Hadis.—two papers (100 marks each).

(c) Kalam.—two papers (100 marks each.)

10. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject.

11. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in serial order of their roll numbers.

12. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

* 13. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent in—

- (1) English
- (2) Arabic
- (3) Fiqah and the optional subject

will be considered to have passed the whole examination on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks obtained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

M. A. Examination.

1. An examination for the degree of Master of Arts (Faculty of Theology) shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Theology.

2. The M. A. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu.

3. The examination shall be open only to Bachelors of Arts (Faculty of Theology) of the Osmania University, who have passed the B. A. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.

4. No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. of the lectures during each academic year. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorized medical officer which can satisfy the Principal.

5. A candidate for admission to the M. A. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

6. The examination shall be held in the following subjects and there shall be 8 papers of 3 hours' duration in each subject.

- (i) Fiqah wa Usul-i-Fiqah.
- (ii) Kalam wa Aqaid.
- (iii) Tafsir.
- (iv) Hadis, including Sirat.

(1) Fiqah.—

(۱) بُرچه اول اصول فقه مسلمانیت

حصہ مبادی	لشافت	پرچہ	مقدار
پرچہ دوم	۱۰۰	”	” حصہ مقاصد
پرچہ اول	۱۰۰	”	ارکان اربعہ
(ا) کتاب صنائع وبدائع) و آثار السنن			{
پرچہ دوم	۱۰۰	”	فقہ بدایتہ الحجتہد
جلد اول وہ استثناء ارکان اربعہ			{
پرچہ سوم	۱۰۰	”	فقہ بدایتہ الحجتہد
جلددوم	۱۰۰	”	
پرچہ چہارم	۱۰۰	”	محلہ الاحکام
پرچہ پنجم	۱۰۰	”	فتوی نویسی
وفیصلہ نگاری			{
پرچہ ششم	۱۰۰	”	مضامون متعلق
تاریخ و عادہ معلومات علم فقه و اصول			{

(ii) Kalam wa Aqaid.-

لشافت	مقدار	پرچہ	مقدار
پرچہ اول مبادی و امور عادہ از شرح مقاصد	۱۰۰	”	”
پرچہ دوم اغراض و جواہر	۱۰۰	”	”

پرچہ سوم سمعیات	۱۰۰	نشانات
پرچہ چہارم الہیات شرح مقاصد	۱۰۰	"
پرچہ پنجم حوصل معہ نقد	۱۰۰	"
پرچہ ششم دین و دانش	۱۰۰	"
پرچہ هفتم تاریخ علم کلام و تفریقہ بین الاسلام والزند قہ	۱۰۰	"
پرچہ هشتم علم کلام پر ایک مضمون ارد و میں	۱۰۰	"
(iii) Tafsir,		

(۱) پرچہ اول کشا ف منزل اول	۱۰۰	نیشنات
(۲) پرچہ دوم - کشا ف منزل آخر	۱۰۰	"
(۳) پرچہ سوم - بیضاوی منزل دوم و سوم	۱۰۰	"
(۴) پرچہ چہارم - بیضاوی منزل چہارم پنجم و ششم	۱۰۰	"
(۵) پرچہ پنجم - تفسیر الحدی	۱۰۰	"
(۶) پرچہ ششم - ابھاز القرآن	۱۰۰	"
(۷) پرچہ هفتم - تفسیر ابن حیری	۱۰۰	"
(۸) پرچہ هشتم - مضمون عام	۱۰۰	"

(iv) Hadis including Sirat:—

پرچہ اول حدیث بخاری نصف اول	۱۰۰	نیشنات
پرچہ دوم "	۱۰۰	"
پرچہ سوم "	۱۰۰	"
پرچہ چہارم "	۱۰۰	ابوداود
پرچہ پنجم "	۱۰۰	طحاوی
پرچہ ششم اصول حدیث - مقدمہ ابن صلاح	۱۰۰	"
پرچہ هفتم تاریخ و علوم حدیث - مقدمہ فتح الباری	۱۰۰	"
پرچہ هشتم مضمون	۱۰۰	"

7. In order to pass the examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but if in any paper a candidate obtains less than one-fifth of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class, and the rest in the Third Class.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee, but he may be admitted, without further attendance at lectures, to any subsequent examination on the payment of a like fee.

9. Each successful candidate shall receive a certificate signed by the Chancellor, setting forth the subject in which he was examined, and the class in which he was placed.

FACULTY OF LAW.

LL. B. Examination.

1. There shall be two examinations for the LL. B. Degree, the Previous and the Final. Each examination shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe on the recommendation of the Faculty of Law.
2. The examinations will be conducted by means of printed papers, and Urdu shall be the medium of examination in all subjects.
3. The LL. B. (Previous) Examination shall be open only to those students who have completed a regular course of study in the University School of Law for not less than one academic year after passing the B. A. Examination of the Osmania University or the B. A. or B. Sc. Examination of any University in the British Empire, incorporated by Law, provided that such examination is recognised by that University as qualifying for admission to its LL. B. Examination or any examination equivalent thereto.
4. No candidate shall be considered to have completed a regular course of study for any of these examinations unless he has attended 66 per cent. of the lectures during the academic year.
5. A candidate for admission to the Previous Examination must forward his application to the Registrar five weeks before the examination, accompanied by a fee of Rs. 30. He shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study in the University School of Law for not less than an academic year after having passed the B. A. or B. Sc. Examination. He must also forward with his application satisfactory evidence of having taken a degree as laid down in Rule 3.
6. Every candidate shall present himself for the Previous Examination in the following subjects :—

1. Criminal Law and Procedure.
2. Evidence.
3. Torts and Easements.
4. Contracts and Specific Relief.
5. Roman Law and Constitutional Law.

*N.B.—*There shall be one paper in each subject.

7. No candidate shall be admitted to the Final Examination of the degree of Bachelor of Laws unless he has passed the Previous Examination in Law of the Osmania University, and has since passing the examination prosecuted a regular course of study for not less than one academic year in the University School of Law. Attendance certificates in the prescribed form shall be attached to the application.

8. A candidate for admission to the Final LL.B. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 30. He should also forward along with his application a certificate of having passed the Previous Examination in Law of the Osmania University.

9. The following shall be the subjects for the Final LL.B. Examination :--

1. Hindu Law.
2. Muhammadan Law, including Usul-i-Fiqah.
3. Civil Procedure Code, Law relating to Civil Courts in His Exalted Highness the Nizam's Dominions, Limitations (excluding Schedules).
4. Trusts, Land Tenure, (including Atiyat) and Transfer of Property.
5. Jurisprudence and Public International Law.

N.B.—There shall be one paper in each subject.

10. The Faculty of Law shall prescribe from year to year books to be studied for these subjects.

11. The Faculty shall prescribe the total number of lectures to be delivered during the academic years which shall not be less than 300.

12. Before the beginning of each term, the Principal shall submit for the approval of the Faculty a statement of the course of lectures and class examinations during each term.

13. The papers in any of the examinations may contain questions in Jurisprudence arising out of the subject matter of such examination.

To pass the examination the candidates must obtain 40 per cent. of the full marks in each paper. Those of the successful candidates who obtain 60 per cent. of the total marks will be placed in the First Division and those who obtain 45 per cent. in the Second Division.

15. As soon as practicable after the conclusion of the examination the results will be arranged in the order of merit.

16. A candidate failing to pass may be admitted to one or more subsequent examinations on his making a fresh application and on payment of a fresh fee.

17. Certificates signed by the Chancellor and the Registrar respectively, shall be given to candidates successful in the Final and the Previous Examinations, setting forth the date of the examination, and the class in which he was placed.

FACULTY OF MEDICINE

DEGREE OF BACHELOR OF MEDICINE AND SURGERY

1. Candidates for the degree of Bachelor of Medicine and Surgery shall be required -

(i) to have passed the Intermediate Examination in Arts and Science of the University taking Physics, Chemistry (Organic and Inorganic,) Botany and Zoology : or an examination considered by the University as equivalent thereto.

(ii) to have been subsequently engaged in their professional studies in the College of Medicine of the University for a period of not less than five years.

2. Candidates shall be required to pass four professional examinations as hereinafter stated, each held twice a year in Hyderabad in the months of Khurdad (April) and Bahman (December) on such dates as the Syndicate may prescribe.

3. Application for admission to each of the professional examinations must reach the Registrar not less than four weeks before the commencement of the examination accompanied by the prescribed fee and the certificates required under the rules.

The fee prescribed shall be Rs. 15 for each of the first three professional examinations and Rs. 30 in the case of the fourth professional examination.

4. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee, but he may be admitted to any subsequent examination on his making a fresh application on payment of a fresh fee and on submitting the necessary certificates.

5. The examination in each subject shall be written, practical and oral. Urdu shall be the medium of examination.

6. In order to pass a professional examination, a candidate must obtain not less than 50 per cent. of the marks in the written and not less than 50 per cent. of the marks in the practical and oral in each subject and 50 per cent. of the marks in the aggregate. Successful candidates obtaining not less than two-thirds of the aggregate number of marks shall be placed in the First Class and

the rest in the Second. Their names shall be arranged in the order of proficiency as determined by the total marks obtained by each.

Each of the first three professional examinations shall consist of two subjects and candidates shall be required to pass in both at the same time whereas the fourth or Final Professional Examination shall consist of two groups of two subjects each, and candidates shall be required to pass at least in both subjects of one group at the same time.

- * Candidates passing the first three professional examinations shall receive certificates signed by the Registrar and those passing the final examination shall receive a Diploma signed by the Chancellor.

First Professional Examination.

8. The first professional examination shall be held in the following subjects after a course of study extending over $1\frac{1}{2}$ academic years :—

- (a) Anatomy.
- (b) Physiology.

9. Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

- (a) Certificate of having passed the Intermediate Examination under Rule 1 (i).
- (b) Certificate of having attended a course and duly performed the work of the class.
 - (i) of study in Anatomy (including Embryology) of at least 200 lectures extending over two long and one short terms with demonstrations and dissections of the whole human body.
 - (ii) of study of Physiology of at least 200 lectures extending over two long terms.
 - (iii) in practical Histology of at least 50 meetings of two hours.
 - (iv) in Chemical Physiology of at least 30 meetings of two hours each.
 - (v) of experimental Physiology of at least 20 meetings of two hours each.

Second Professional Examination.

10. The second professional examination shall be held in the following subjects after a course of study extending over one academic year after passing the first professional examination :—

- (a) Materia Medica (including Therapeutics).
- (b) Pathology.

11. Candidates shall be required to produce the following certificates along with their application for permission to appear at the Examination :—

- (a) Certificate of having passed the first professional examination.
- (b) Certificate in the prescribed form of having attended :—
 - (i) a course of study in Materia Medica (including Therapeutics) of not less than 100 lectures extending over a long and a short term.
 - (ii) 20 meetings of two hours each of the Practical Pharmacy Class.
 - (iii) of study in Pathology during one long term of not less than 100 lectures.
 - (iv) of Practical Pathology extending over 30 meetings of two hours each.
 - (v) of study in Bacteriology during one short term of not less than 50 lectures.
 - (vi) of Practical Bacteriology extending over 30 meetings of two hours each.

Third Professional Examination.

12. The third professional examination shall be held in the following subjects after a course of study extending over one year after passing the second professional examination :—

- (a) Hygiene.
- (b) Medical Jurisprudence.

13. Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

- (a) Certificate of having passed the second professional examination.

- (b) Certificate in the prescribed form of having attended a course :—
- (i) of study in Hygiene during one long term of not less than 80 lectures (including Practical Demonstrations) and instruction in Vaccination.
 - (ii) of study in Medical Jurisprudence of not less than 80 lectures during one long term.
 - (iii) of 12 meetings at Post-mortem Examinations.

, , *Fourth or Final Professional Examination.*

14. The fourth or final professional examination shall be held in the following subjects after a course of study extending over one year after passing the third professional examination :—

Group (1) Medicine and Clinical Medicine.

Midwifery, Gynæcology, and Diseases of Infancy.

Group (2) Surgery and Clinical Surgery.

Ophthalmology and diseases of Ear, Nose and Throat.

15. Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

- (a) Certificate of having passed the third professional examination.
- (b) Certificate in the prescribed form of having attended :—
 - (i) two courses in Medicine of not less than 100 lectures each.
 - (ii) two courses in Clinical Medicine of not less than 50 lectures each.
 - (iii) one course in Midwifery of not less than 80 lectures.
 - (iv) one course in Gynæcology and diseases of Infancy of not less than 40 lectures.
 - (v) two courses in Surgery of not less than 100 lectures each.
 - (vi) two courses in Clinical Surgery of not less than 50 lectures each.
 - (vii) one course in Operative Surgery of not less than 15 meetings of two hours each.
 - (viii) a course in Applied Anatomy (Medical and Surgical) of not less than 30 lectures.

- (ix) an infectious diseases Hospital for three months.
 - (x) not less than twenty Midwifery cases and conducted not less than ten.
 - (xi) in Medical Wards as a Clinical Clerk for 9 months.
 - (xii) in Surgical Wards as a Clinical Clerk for 9 months.
 - (xiii) in the Out-Patients Department for 6 months.
 - (xiv) a course of not less than 30 lectures (with Clinical Instruction) in Ophthalmology, and a similar course and clinical instruction in the diseases of Ear, Nose and Throat.
- (e) Certificate of having had instruction in administering anaesthetics.

FACULTY OF ENGINEERING

B. E. Examination

1. The examination for the degree of Bachelor of Engineering shall be held once a year in Hyderabad at such time and on such date as the Syndicate may prescribe.
2. The examination shall be open to students who have passed the Intermediate Examination of this University or of a recognized University with Mathematics, Physics and Chemistry as their Optional subjects.

3. The course of instruction shall extend over four years, of which 3 years shall be spent in the College and the fourth year chiefly on works. University Examinations will be held at the end of the 2nd and the 3rd years and will be known as Part I and Part II examinations. Part II examination will be the final test for the Degree.

4. Applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 20 for the Part I examination and of Rs. 30 for the Part II examination shall be forwarded by the Secretary so as to reach the Registrar four weeks before the examination.

The attendance required shall not be less than 67 % of the full course of lectures delivered in each subject.

5. Upon the receipt of the application, the attendance certificates and the fees prescribed the Registrar shall, at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

6. The B. E. examinations shall be conducted by means of printed papers and papers will be set and answered in Urdu.

7. The subjects for the examination shall be as follows :—

Part I—Examination.

1. Pure Mathematics :—

- | | | |
|--|---|-----------|
| (a) Analytical Geometry, Plane and Solid.
(b) Calculus . . Integral Calculus
Differential Calculus
Differential Equations | } | One paper |
|--|---|-----------|

2. Applied Mathematics : -
- | | | |
|------------------|----|---|
| (a) Statics | .. | } |
| (b) Dynamics | .. | |
| (c) Hydrostatics | .. | |
- One paper
3. Surveying : One paper.
4. Elasticity and Strength of Materials and Theory of Structures. One paper.
5. Heat Engines and Theory of Machines. One paper.
6. Engineering Design and Geometrical Drawing. One paper.

Part II - Examination.

Civil.

1. Higher Theory of Elasticity and Theory of Structures. One paper
2. Higher Geodesy .. . do
3. Hydraulics .. . do
4. Irrigation .. . do
5. Civil Engineering and Reinforced Concrete, Design. do

Mechanical.

1. Higher Theory of Elasticity and Theory of Machines. do
2. Hydraulics .. . do
3. Thermodynamics .. . do
4. Metallurgy and Fuel .. . do
5. Machine and Machine-Tool Design .. . do

8. No candidate shall be declared to have passed the examination unless he obtains $33\frac{1}{3}$ per cent. of the marks in each paper. Those who obtain 70 per cent. or more of the marks in the aggregate shall be placed in the First Class, and those obtaining 50 per cent. in the Second Class.

Candidates failing at the B. E. Part I examination only in one subject shall be promoted to the higher class, and shall be allowed to appear at the next Part I examination only in the subject in which they had failed.

Such candidates will not be entitled to any class, prize, medal or scholarship.

9. A certificate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed shall be given to each successful candidate. The

certificate of the Part I examination shall be signed by the Registrar and that of the Part II by the Chancellor.

10. Civil Engineer students who are successful at the final examination shall be attached for one year to a Public Works Division where large works are in progress and shall be regularly instructed in the preparation of materials, the practical details of construction, the management of labour and in the system of accounts. Mechanical Engineer students shall spend the final year in a recognised Engineering Workshop. The Degree of Bachelor of Engineering (B. E.) will be awarded to those students who have, after successfully passing their Degree Examination, undergone one year's practical training as approved by the President.
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FACULTY OF EDUCATION

DIPLOMA IN EDUCATION.

- - -

1. Candidates for the Diploma in Education must be graduates in Arts or Science of the Osmania University or of any other University recognised by it.

2. The course of study and training for the Diploma in Education shall extend over one academic year of three terms with the necessary attendance of 75% at the Osmania Training College of the University at Hyderabad-Deccan.

3. The examination shall be a written examination conducted by means of printed papers. Besides the written examination there will be a practical examination in the teaching of one of the two subjects selected under section IV to test the candidates' skill in teaching. In determining the standard due regard will be paid to the college-record in practical lessons.

Every candidate shall be required to give at least one lesson in the presence of a Board of two Examiners— one internal and one external.

4. The course will consist of lectures, select readings and discussions in conference, besides practice in the handling of classes and the giving of instruction followed by discussions.

Every candidate will be required to give not less than 20 lessons under supervision during the year.

5. Candidates shall be required to undergo a course of instruction and be examined in :

(i) Principles of Education and Psychology.

(a) Principles of Education.

(b) Elementary Educational Psychology.

(ii) School Management and Hygiene.

(iii) History of Educational Ideas and select Classics in Education.

(iv) Methods of Teaching of any two of the following subjects :

Physical or Biological Sciences, History, Geography, Mathematics, English, Urdu, Marathi, Kanarese, Telugu and Indian Classical Languages.

- (v) Special Subjects—one of the following :—
 (a) Modern Educational Systems and Problems.
 (b) Advanced Educational Psychology.
 (c) Child Education.

Instruction will also be imparted in the following additional subjects, but no examination will be held therem :—

- (a) Blackboard Illustration.
- (b) Manual Training and Handwork or Nature Study and Gardening.
- (c) Physical Training.

The allotment of marks shall be as follows :—

- (i) Principles of Education and Psychology—100 marks of which 50 marks shall be assigned to Principles and 50 to Elementary Educational Psychology.
- (ii) School Management and Hygiene—100 marks of which 30 marks shall be assigned to school Hygiene.
- (iii) History of Educational Ideas and select Classics in Education—100 marks of which 30 marks shall be assigned to Classics.
- (iv) Methods of Teaching—100 marks of which 50 marks shall be assigned to each of the two subjects.
- (v) Special subjects—100 marks of which 25 marks shall be assigned to the College record.

All papers shall be of 3 hours' duration each.

- (vi) Practical Examinations—200 marks of which 100 marks shall be assigned to the College record.

Candidates who obtain not less than 30% of the marks in papers 1 to 5, and 33% in the aggregate of the written examination, and 35% in the practical examination shall be declared to be eligible to receive the Diploma in Education. All other candidates shall be deemed to have failed. Of the successful candidates those who obtain not less than 60% of the total marks shall be placed in the First Division, and those who obtain not less than 45% of the total marks shall be placed in the Second Division. The remaining successful candidates shall be considered to have passed in the Third Division. Successful candidates who obtain not less than 65% of the marks in the paper relating to the methods of Teaching (iv) shall be declared to have obtained distinction in that subject. In practical examination candidates who obtain 50% of the marks shall be placed in the Second Division and those who secure 65% shall be placed in the First Division.

18. TEXT-BOOKS.

FACULTY OF ARTS.

MATRICULATION EXAMINATION.

Note:—In Languages except English the University Examination will be held in the text-books prescribed for the IX and X Classes. In English the Examination will be held in the text-books prescribed for the X class only. In the other subject the University Examination will be held in the three years' courses.

A. COMPULSORY.

I. ENGLISH.

1343-1344 F. (1934-1935).

CLASS VIII.—Sessions 1341-1343 F.

Detailed :—Macmillan's High School Reader No. 2.

Non-Detailed :—David Copperfield. Abridged edition published by E. M. Gopal Krishna Kone.

CLASS IX. —Sessions 1341-1343 F.

Detailed :—New selections of Prose and Poetry Book I, published by E. M. Gopal Krishna Kone, Broadway, Madras.

Non-Detailed :—Forerunners by Rawlinson (Oxford University Press).

CLASS X.—Sessions 1342-1344 F.

Detailed :—New selections of Prose and Poetry Book II published by E. M. G. Kone omitting the following :—

Prose :—

The Death of Abhimanyu.

Poetry :—

- (1) The Warrior's Vanity.
- (2) Rama's Noble Conduct.
- (3) Say not the Struggle not availleth.
- (4) The Noble Nature.
- (5) To-day.
- (6) La Belle Dame Sans Merci.
- (7) Hubert and Arthur.
- (8) Flodden.

Non-Detailed :—Treasure Island by R. L. Stevenson, Arnold English Literature Series, published by Edward Arnold.

2. URDU.

(۱۹۳۰ - ۱۹۳۳) - ف ۱۳۷۲ - ۱۳۷۴

3. ELEMENTARY MATHEMATICS.

- Arithmetic, Algebra, Geometry and Mensuration :—**
No book is prescribed. For detailed syllabus see Appendix.

4. SCIENCE.

The following books are recommended. For detailed syllabus see Appendix.

- (1) Physics for Matriculation Students. 2 parts, (Osmania University Series).
(2) Chemistry for Matriculation Students, (Osmania University Series).

5. INDIAN HISTORY AND GEOGRAPHY

- (1) Syed Hashimi's Matriculation History of India. (Osmania University Series).
(2) Marsden's Geography for Senior Classes (Osmania University Series) is recommended. For detailed syllabus in Geography see Appendix.

6. THEOLOGY OR MORALS.

1343-1344 F. (1934-1935)

A. Theology :—

- ### (1) Aqaid and Akhlaq.

Aqaid-i-Islam : Translation of Fiqh-i-Akbar from pages 54 to the end. The Qaiyumi Press, Cawnpore.

- ## (2) Fiqah :—

The following chapters of Ahsan-ul-Masail:—

- (i) Kitab-ut-Taharat.
 - (ii) Kitab-us-Salat.
 - (iii) Kitab-uz-Zakat.
 - (iv) Kitab-us-Sawm.
 - (v) Kitab-ul-Haj.
 - (vi) Kitab-un-Nikah.
 - (vii) Kitab-ur-Riza.
 - (viii) Kitab-ut-Talaq.
 - (ix) Kitab-ul-Iman.

- (x) Kitab-us-Saud-waz-Zabah.
- (xi) Kitab-ul-Karahat.
- (xii) Kitab-ul-Adhiyah.
- (xiii) Kitab-ul-Waqf.

B. *Morals*.—(for Non-Hanafi and Non-Muslim students
Tariq-i-Saadat, Parts 1 and 2. Translation of Youth's
Noble Path by Zamin Ali Kanturi.

B. OPTIONALs.

1. CLASSICAL LANGUAGES

(a) ARABIC.

1343 F.—1344 F. (1934-35.)

ثہر۔ مجاني الادب۔ جزء اول از صفحہ ۵۰ تا صفحہ ۱۸۷ یعنی الباب
السادس فی الحکایات واللطایف تاخیم الباب العاشر فی خرائب
الموجودات۔

سرسری مطالعہ کے لئے۔ مجاني الادب۔ جزء اول ارتباً تا صفحہ
۵۰۔ الباب الاول تاخیم الباب الخامس۔

نظم۔ قصیدہ بودہ۔ ادماں البوصیری (مکمل)۔

صرف و نحو۔ النحو الواضح للدارس الابتدائیہ۔ جزء اول دوم و سوم
دولفہ علی البارم و مصطفیٰ امین مطبوعہ مطبع المعارف۔ قاهرہ۔
هدایت۔ اصول قواعد کی بخوبی کو اردو میں سمجھانا اور ترمیت کی
مشق کرانا اساندہ کافریضہ ہو گا۔ ترجمہ عربی سے آردو اور آردو سے
عربی میں ہو گا۔

(b) SANSKRIT.

1342-1344 F. (1933-35)

CLASS VIII.

Prose :—Gadyavalli, Part II, pages 95-110, by P. V. Kane
(Macmillan & Co.)

Poetry :—Padyavalli, first 11 pages by P. V. Kane.

Grammar :—Dr. Bhandarkar's First Book (the whole) and first
five lessons of Book II.

CLASS IX.

Prose :—Gadyavalli, Part II, pages 110-145.

Poetry :—Padyavalli, pages 1-22.

Grammar :—Dr. Bhandarkar's Book II the whole except "Aorist" for 1342 F and upto "Perfect" for 1343 and 1344. F.

CLASS X.

Prose :—Hitopadesha, the whole of Mitra Labha. (Nirnaya Sagar Press, Bombay).

Poetry :—Navakusuma Staveka by Hari Har Shastri.

Grammar :—Dr. Bhandarkar's Books I and II, the whole except "Aorist".

N.B.—Special attention to be paid to subject matter. Translation exercises should be carefully gone through. Conversational lessons should be given. Attempts should be made to develop the students' power of expression who should be made to narrate simple stories or describe simple objects in Sanskrit. The teaching should aim at inculcation of appreciation of the study of Sanskrit Literature and the Culture embodied in it in the minds of the students.

(c) PERSIAN.

1342-1344 F. (1933-1935).

CLASS VIII.

Durar-i-Farsi, Part I by Dr. Nizamuddin, 2nd edition published by Azam Steam Press, Hyderabad.

Grammar :—Makhzanul Qawaaid, pages 1-48 by Mirza Ali Raza Mahir, from the beginning to Chapter II, fasl II.

Maktabai Ibrahimiah, Muhiuddin Buildings, Hyderabad-Dn.

CLASS IX.

Durar-i-Farsi, Part II by Dr. Nizamuddin, 2nd edition, published by Azam Steam Press. Omitting the following pages:—9-27, and 63-76.

Grammar :—Makhzanul Qawaaid, pages 49-88.

CLASS X.

Durar-i-Farsi, Part III by Dr. Nizamuddin, 2nd edition, published by Azam Steam Press; Omitting the following pages :—67 to 81 and 129 to 140.

Grammar :—Makhzanul Qawaaid from pages 89 to 114.

2. MODERN LANGUAGES

(a) MARATHI.

1343-1344 F.

CLASS VIII. *Sessions -1341-42 F.*

- (1) *Prose* :—Maharashtra Vangmaya Praveshika, Part I, pages 1 to 101, by G. G. Kanetkar (Macmillan & Co., Bombay).
- (2) *Poetry* :—Maharashtra Vangmaya Praveshika, Part I, pages 160-183, Lessons 1 to 11 by the same author as above.
- (3) *Grammar* :—R. B. Joshi's Book II, pages 1 to 98, Lessons 1 to 18. (Chitrashala Press, Poona City).
- (4) *Composition* :—V. V. Bhide's Nibandha Lekhan -Descriptive Essays (Chitrashala Press, Poona City).

CLASS IX. *Sessions -1341-1342 F.*

- (1) *Prose* :—Maharashtra Vangmaya Praveshika, Part II, pages 1 to 127, Lessons 1 to 13, by G. G. Kanetker, (Macmillan & Co., Bombay).
- (2) *Poetry* :—Maharashtra Vangmaya Praveshika, Part II, pages 152 to 179, Lessons 1 to 12, by the same author as above.
- (3) *Grammar* :—R. B. Joshi's Book II, Lessons 19-26, pages 101 to 146.
- (4) *Composition* :—V. V. Bhide's Nibandha Lekhan -Narrative Essays.

CLASS X. *Sessions -1342-1343 F.*

- (1) *Prose* :—Jagachen Vangmaya (the whole), Book I (excluding Poetry pieces). by R. P. Sabinis. (Macmillan & Co., Bombay).
 - (2) *Poetry* :—Padya Samuchhaya by R. B. Joshi, Portion—Part I, pages 1 to 14.
 - (3) *Grammar* :—R. B. Joshi's Book II (the whole).
 - (4) *Composition* :—V. V. Bhide's Reflective Essays from Nibandha Lekhan.
- Vrittadarpana by P. R. Godbole, bearing on meters included in the texts.

(b) TELUGU.

1343-44 F. (1934-35 A. D.)

CLASS VIII.

Prose :—Sath Katha Manjari Part I by Gollapudi Sri Rama Sastrri, (Victoria Jubilee Press, Chittoor).

Poetry :—Kavya Sangrahamu, Part I by A. Rama Rao Pantulu, (Published by Venkat Rama Rao, Ellore). Govyaghra Samvadamu. Chandramati Pativratyama. Sree Krishan Niryanamu.

Grammar :—Sulabha Vyakaranamu, Part I by V. Subba Rao.

CLASS IX.

Prose :—Navarasa Kadainbari by M. Nagalunga Shastri Tennali, (Andhra Mudrarshara Sala, Tennali).

Poetry :—Draupadi Swayamvaramu (Annotated by Ch. V. Joga Rao, B. A. Maharaja's College, Vizayanagaram). (The Educational Publishing House, Vizayanagaram). Pages 1 to 27, from the beginning to 96th Verse.

Grammar :—Sulabha Vyakaranamu by V. Subba Rao, Part II.

CLASS X.

Prose :—(a) Sanskrit Bharatamu by K. Krishna Somayazi, M. A., L. T., Guntoor, (Chandrika Press, Guntoor).

(b) Stories Palnad Heroes in Telugu by Akkariaja Uma-kantam Vidyasekhar. (Macmillan & Co., Ltd., Madras).

Poetry :—Draupadi Swayambaramu, annotated by Ch. V. Joga Rao, B. A., Maharaja's College, from pages 27 to 53 and from pages 96 to 202—106 Verses. (The Educational Publishing House, Vizayanagaram).

Grammar :—Sulabha Vyakaranamu by V. Subba Rao, Parts I, II and III.

(c) KANARESE.

1343-1344 F. (1934-1935).

CLASS VIII.

Prose :—Veera Ratnagalu by Venkatesh Bhima Rao, Alur Dharwar.

Poetry :—Karnataka Maha Bharata, 5th Vol. Virata Parva Sandhis 6 and 7.

Grammar :—Vyakarna Sara Sangraha.

CLASS IX.

Prose :—Champakamalni by Rajamma. Madras. (First Half)

Poetry :—Karnataka Maha Bharata. 5th Vol. Virata Parva, Sandhis 8 and 9.

Grammar :—Vyakarana Sara Sangraha.

CLASS X.

Prose :—Champakamalni by Rajamma, Madras. (the whole).

Poetry :—Selections from Kolalu by K. V. Potapa. Pages 1-90

Grammar :—Vyakarana Sara Sangraha.

3. HISTORY OF ENGLAND.

Bukley's History of England (O. U. Series).

4. ALGEBRA AND GEOMETRY

No book is prescribed in Algebra & Geometry. Syllabuses are given in the Appendix.

5. COMMERCE.

Syllabus to be notified later on.

6. DOMESTIC SCIENCE.

Syllabus to be notified later on.

C. SCHOOL SUBJECTS.

The detailed syllabuses in Drawing, Physical and Manual Training are given in the Appendix.

INTERMEDIATE EXAMINATION.

1343-1344 F. (1934-1935).

ENGLISH.

- I. *Poetry* :—(A) English Narrative Poems by H. Newbolt (Edward Arnold & Co.). The following Selections :

1. Michael	..	..	..	Wordsworth
2. The Ancient Mariner	..	..	..	Coleridge

(B) Tennyson's Select Poems, edited by G. K. Allen, published by G. Bell & Sons. The following Poems :

1. Recollections of the Arabian Nights.
2. The Lotos-Eaters.
3. Ulysses.
4. The Lord of Burleigh.
5. The Lady of Shalott.
6. Sir Galahad,
7. The Brook.
8. Tithonus.
9. Enoch Arden.

II. Prose -(A) Detailed . . .

1. Selected Essays from English Literature by Elizabeth Lee (Edward Arnold & Co.). The whole, omitting the following .

1. Francis Bacon.
2. Abraham Cowley.
3. Goldsmith.

2. Essays on Goldsmith and Selections from his Writings. Edited by Hadow and Wheeler, Pages 95-168.
(Oxford Univ : Press)

(B) Non-Detailed. Lorna Doone (Abridged Edition the Arnold English Literature series).

عربی

ثُر - سورہ طہ (مکمل)

کلیلہ و دمنہ - نصف اول تا ابتداء باب الحمامۃ المطوقہ - صفحہ ۲۸
مقامات ندیع الزمان - (۶) سے (۱۰) تک مقامات اسدیہ سے ختم
مقامات اصفہانیہ تک

نظم - حماسة - ابواب ذیل :-

باب الادب نصف اول و باب الصفات کامل .
باب الا ضیاف والمدیح میں سے ابتدائی صرف ۲۵۰ اشعار .
مطالعہ سرسری کے لئے :-

البوسائع مولفہ ح. فضل محمد ابراهیم مطبوعہ قاہرہ جزء اول تا صفحہ ۱۰۶ عروض و قویہ و بلاعت (معانی۔ بیان و بدیع) :-

علم الادب مصنفہ لویس نیکھو (مطبوعہ بیروت انتخابات از حصہ اول) .

صرف و نحو:-

کتاب التحویل واضح فی قواعد انگریزہ للیلدارس الثانویہ۔ الجزء الاول
والثانی والثالث .

ہدایت ب۔ اصلی قواعد کے تمریزت اساتذہ اردو میں سمجھائیں گے۔

مطالعہ سرسری کا امتحان بر حمدہ و فواعد کے ساتھ ہو گا۔

فارسی

نظم قدیم (۱) قصائد۔

(الف) سعدی

علم دولت نور وز به سخرا بر خاست
بمدادان که تفاوت به کند لیل و نهار
بکاہمیں رو آن شاهد شکر کفتار

(ب) عرفی

اقبال کرم می از دار باب هم را
اے داشته در سایہ هم تیغ قلم را
هر سوخته جانے کہ بے کشمیر در آید
اے متع دود در بازار جان انداخته

(ج) قا آنی

بنفسه رسته از زمیں به طرف جو یارها
 نسیم خلدمی و زد مگر زجو یارها
 صبح دم کز جانب مشرق برآمد آفتاب
 عید است و جام زرفشان می گرانبار آمده

(ا) غزلیات

(الف) سعدی

این توئی یا سرو بستانی بر فتار آمده است
 چون ملک گدایان به جهان سلطنت نیست
 گرگوییت که سروی، سرو آن چمان نباشد
 نه شرط عشقی بود که زبلابه پرهیز ند
 اگر دستم دهد روزی که انصاف از تو بستانم
 آند وست که من دارم و آن یار که من دانم
 بخدا اگر بحیرم که دل از تو برندارم
 سالمادر پی مقصود بجان گردیدم
 آستین بروئے نقشے در میان افگنده
 دانست آستین چرا پیش جمال من کشی

(ب) حافظ

اگر آن ترک شیر ازی بددست آرد دل مارا
 صوفی ییا که آئینه صافست جام را
 صبا به لطف بگو آن عزال رعنارا
 زاهد ظاهر پرست از حال ما آگاه نیست
 شگفتہ شد گل حمرا او گشت بلبل مست

خوشنور عاش و صحبت و بیش و بہار چبست
 نزد بیر دخال آمد بزم فدحے نزدست
 کاموں لہ در کف کل جم ویدا صاف لست
 غیب ریدان ملن ائے راهد پا کبرہ مرشد
 صب ائمہ نور نے صفت به کشور دوست
 سہ لئے مسکنہ خوبی کئے کہ رہ دلست
 بخریست خیر شفیع لہ شیپوش کمارہ نیست
 دیسی نے یہ حب مرجوز و سنه نہ داشت
 از میخازہ و میسے احمد اللہان حواہن بود
 نہ لے جھائٹ صفائے مددار
 صوفی نہ زدام و سر حمد بار کرد
 علام برائیں میست و بحددار اندر
 از زلف برشت نزدست حبیا افتاد
 من برائی متفکر ای و سعیر نمی کنم
 ایو رو حسیر دار دستم کہ ب دند ار بنشبینے
 ائے خسرو حوال اظڑ نے سونے الداکن
 نہ کہ سہرہ سہرہم بہ عشق ورزیدن
 ساب بمقنه میدھن حمرہ مشک سائے تو
 تب بمنشہ میدھن حمرہ مشک سے و
 از من حملہ منسو لہ توام نور دیدہ
 ائے دل بہ کوتے عشق لزارے نمیکنی
 سا ای سی یہ ابرست وہد و نب جو نے
 لفتند خلا بیق لہ تو فی بوسف ثانی
 ذکو نے یاری ایس نسیم باد نود وزی
 صبا و نکھت آں زلف مشکبو داری

نظم جدید

- (۱) "وطن چیست،" - شایگان طهرانی
- (۲) "امید بشر،" - نصر الله فلسفی
- (۳) "افکاریک شب تابستان،" - عبد الحسین احمد بختیاری
- (۴) "علم و هر،" - وحید دستگردی
- (۵) "خوانند بهار،" - هرگان را، .. حیدر علی کمانی اصفهانی
- (۶) اسے مرغ سحر چوں این شب تار - میر را علی اکبر خان ده خدا
- (۷) "یک دوره زندگی،" - حلال المالک
- (۸) "خدا و قمر،" -
- (۹) "شکنح طره،" - عارف قزوینی
- (۱۰) "وادی عشق،" -
- (۱۱) دست بر طرہ آں زلف پر یشان نر سید،
- " (۱۲) "گر بد،" -
- (۱۳) "مقاومنت،" - رسید یاسمی
- (۱۴) چکامۂ دما وندیه - ملک الشعرا، بهار
- (۱۵) ساقی مهوش ندامنم تا چه در پیمانه کرد
{ محمد علی فاصح
- (۱۶) در آئینت و فاگر هست و گرنیست
- (۱۷) آفریس باد بر سروش ادیب - المالک

ث

- (۱) گلستان - ذیباچه - باب هفتم و هشتم
- (۲) انوار سهیلی - باب اول تا آخر حکایت دهم، -
- (۳) لسان العجم حصه اول مولفه میر حسین علی -
- (۴) راه نو - جلد سوم از ابتداء تا آخر باب پنجم،

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

(۵) بہر بلاعت موئعہ قلمد ر علی ارج صفحہ ۱۲۹ -

ابتدائی عربی

مبادی القراءة اور شیوه - الحُزْر وَ الْمُنْتَهَى لایف محمد عبید مطبعة المعارف

بمصر - (یہ کتاب دیکھیں کہنی سے دستیاب ہو سکنی ہے -)

فارسی نظم و نثر نے انتخبت انظم اسٹیلہ و سس سے شایع ہونگے۔

اردو

ثُر :-

(۱) نکات علیب و نقہ خلماں الدین صحاب نظمی مطبوعہ
طبع نظری بداعون ۔

(۲) روز نجھے خالب مرتبہ حسن نظمی

(۳) فسانہ مبتلا - نذیر احمد (بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
کامباحتہ) ۔

(۴) افادات سلیمان ۔

مطالعہ سرسرا

مشاعرہ دہلی سے ۱۲۶۱ھ صریبہ مرد افرحت اللہ بیک ۔

نظم :-

(۱) دیوان حلی

(ب) دیوان یقین ۶۸ صفحات

(ج) دیوان عالم حسب دلیل عزیزیت بے

(۱) در دمنت کش دوانہ ہوا

(۲) پھر مجھ سے دیدہ تر یاد آیا

- (۳) ہوئی تاخیر تو یکہ باعث تاخیر بھی تھا
 (۴) جور سے باز آئے پر باز آئین کیا
 (۵) دوست غم خواری میں میری سمع فرمائینگے کیا
 (۶) گھر جب بنالیا تو مے در پر کھے بغیر
 (۷) لازم تھا کہ دیکھو مراد استا کوئی دن اور
 (۸) آہ کو چاہئے الک عمر اثر ہونے تک
 (۹) وہ فراق اور وہ وصال کھاں
 (۱۰) مزے جہاں کے اپنی نظر میں خاک نہیں
 (۱۱) کی و فاہم سے تو عیر اسکو جفا کہتے ہیں
 (۱۲) یہ ہم جو ہبھر میں دیوار و در کو دیکھتے ہیں
 (۱۳) سب کھاں پکھہ لالہ و گل میں نمایاں ہو گئیں
 (۱۴) دل ہی تو ہنہ سننگ و خشت درد سے بھرنہ آئے کیوا
 (۱۵) رہئے اب ایسی جگہ چلکر جہاں کوئی نہو
 (۱۶) مسجد کے زین سایہ خرابات چاہئے
 (۱۷) عشق مجھ کو نہیں و خشت ہی سمجھی
 (۱۸) کوئی دن گر زندگانی اور ہے
 (۱۹) کوئی امید بر نہیں آتی
 (۲۰) دل نادان تجھے ہوا کیا ہے
 (۲۱) پر پکھہ الک دل کو بیقراری ہے
 (۲۲) پر اس انداز سے بھار آئی
 (۲۳) بازی چھٹے اطفال ہے دنیا مرے آگے
 (۲۴) ابن مریم ہوا کرے کوئی
 (۲۵) کبھی نیکی بھی اس کے بھی میں گر آجائے ہے مجھ سے
 (۲۶) مدت ہوئی ہے یار کو مہماں کئے ہوئے
 (۲۷) نویدا من ہے بیداد دوست جان کے لئے

(۲۸) هان دل درد مند ز مز مه ساز

(۲۹) خوش ہو اے بخت کہ ہے آج ترے سر سہرا

(۳۰) مظور ہے گزارش احوال واقعی

(د) شکوه وجواب شکوه۔ اقبال

قواعد

صرف و نحو۔ قواعد آردو مرنبہ دلوی عبدالحق صاحب
عروض و بلاغت۔ الجیص عروض مرتبہ نواب حیدر یار جنگ بھادر

بهاشا

ہندی آردو مالا مولفہ پمڈت ہری ہرشاستری۔ حصہ اول و دوم

SANSKRIT.

Prose : —Shakuntala 1st 4 Acts.

Poetry : —Raghuvamsa Canto II.
Gita-Adhyaya II.

Grammar : —Kale's Smaller Grammar.

MARATHI.

Prose : -(1) Vishnu Krishna Chiplunker (Teekatmak Nibandha by Gajanan Trimbak Madkholker. (Arya Bhishan Press, Poona.)

(2) Marathi Vangmaya Vivechana by R. B. Joshi. Publisher M. R. Joshi, B. A., Narayanpeth, Poona.

Drama : —Mrichchakatika, by G. B. Deval.

Poetry : -(1) Nala Damayanti Swayamvarakhyan, by Prof. S. R. Parasnisi. New Kitabkhana, Poona City.

(2) Tila kachi Kavita Vanawasi Ful. (Rev. Tilak) by Ujagare. New Kitabkhana, Poona City.

Grammar : -(1) Viyakarna Varil Nibandha. Lessons 1 to 13 by Krishnashastri Chiplunker. Chitrashala Press. Poona City.

(2) Vritta Darpana : -bearing on meters in the text ; by P. R. Godbole,

KANARESE.

Prose :—(Classical)—Adbhuta Ramayana.

(Modern.)—Narasimhabharatigalavara Divya Charita by Srikantha Shastry (Mysore).

Drama :—Swapna Vasavadatta Natakam by Pandit M. D. Alasingacharya.

Poetry :—Harischandra Kavya by Raghavanka, (edited by the Mysore University).

* * * Jaimini Bharata (Sandhis 22, 23, and 24).

Kannada Kaipidi, Part I. (Mysore University Edition).

Grammar :—Halegannada Vyakarana Sutragalu, Basel Mission Press, Mangalore.

N.B.—Kanarese books can be had of M. S. Rao & Co., Avenu Road, Bangalore or Shankar Book Depot, Malmaddi Dharmwar or Sathyasodhanalaya Book Dept. Bangalore.

TELUGU.

Poetry :—Madras University Intermediate Selections Telugu.

Selections No. 23 Pages 148-174—232 Verses.

do 55 „ 571-579—83 „,

Drama :—Abhignana Sakuntala by K. Veereshalingum Pantulu.

Prose :—(1) Darpa Dalanamu by Gollapudi Sreerama Sastri, Arya Bharati Press, Madras.

(2) Stories from Tagore by Satavadhani Divakarla Tirupati Shastri, Macmillan & Co., Ltd., Madras.

(3) Kanchana Mala by T. Siva Shankar Sastri, Saraswati Press, Rajahmundry.

ENGLISH HISTORY.

(1) Ransome's Advanced History of England (Osmania University Series.)

(2) Montague's Constitutional History of England, (Osmania University Series.)

ISLAMIC HISTORY.

Amir Ali's History of the Saracens.

INDIAN HISTORY AND ADMINISTRATION.

(1) Sayyid Hashimi's Intermediate History of India 4 vols. (Osmania University Series.)

(2) Anderson's British Administration of India (Osmania University Series).

EUROPEAN HISTORY (ANCIENT).

1. Bury's History of Greece, (Osmania University Series).
2. Pelham's Outlines of Roman History, (Osmania University Series).

EUROPEAN HISTORY (MEDIEVAL AND MODERN.)

Thatcher and Schwill's History of Europe, (Osmania University Series.)

ECONOMICS.

- (1) Moreland's Introduction to Economics for Indian Students, (Osmania University Series.)
- (2) Banarjee's Indian Economics (Osmania University Series.)

SOCIOLOGY.

No book is prescribed for the present ; for detailed Syllabus vide Appendix.

LOGIC.

Deductive and Inductive Logic, (Osmania University Series).
For detailed Syllabus vide Appendix.

PSYCHOLOGY.

Psychology by J. R. Angell. For detailed Syllabus vide Appendix.

PHYSICS.

- (1) Gregory and Hadley's Class Book of Physics, Parts 1-6, (Osmania University Series).
- (2) Practical Physics for Intermediate Students, by Prof. Abdul Rahman Khan, 3 volumes (Osmania University Series.)
For detailed Syllabus vide Appendix.

CHEMISTRY.

The following books are recommended :

1. Inorganic Chemistry by Alexander Smith, (Osmania University Series.)
2. A Class Book of Organic Chemistry by Cohen, (Osmania University Series.)
3. A Course of Practical Chemistry to be compiled by Dr. Muzaffaruddin Qureshi.

For detailed Syllabus vide Appendix.

BIOLOGY.

The following books are recommended :—

(A) Botany.

1. Lawson and Sahni's Text-Book of Botany.
2. Rangachariar's Practical Botany.

• (B) Zoology.

3. Elementary Zoology for Medical students by Borradaile.
4. J. A. Thomson's Outlines of Zoology.
5. Marshall and Hurst's Junior Course of Practical Zoology.
For detailed Syllabus vide Appendix.

MATHEMATICS.

The following books are recommended :—

1. Hall and Stevens' School Geometry Part I to IV (Osmania University Series.)
2. Grace and Resenberg, Coordinate Geomentry, Chapters I—IV Corresponding portions only.
3. Plane Trigonometry by Loney, Part I, (Osmania University Series).
4. Geometrical Conics by Cockshot and Walters, (Osmania University Series.)
5. Higher Algebra, by Hall and Knight Part I (Osmania University Series.)
For detailed Syllabus vide Appendix.
6. Gibson's Calculus. Corresponding portions only.

THEOLOGY OR MORALS.

(A) Theology (for Hanafi students.)

1. Rahmat-ul-lil-Alamin I Part (printed at Rose Bazaar Press, Amritsar, 1916).

ترجمہ پارہ عم

(پروفیسر کا فرض ہو گا کہ عقائد اور اعمال کے متعلق جو مسائل آئیں ان کی توضیح کر دیں جن پر سوالات ہو سکینگ ۔)

- (B) Morals (for Non-Hanafis and Non-Muslims) Hikmat-i-Amali, by Sajjad Mirza Beg.

B. A. EXAMINATION.

1843—1844 F. (1934—1935 A.D.).

ENGLISH.

I. Detailed Poetry : —

(a) Shakespeare —Antony and Cleopatra,

(b) The Golden Treasury —the following selections from Palgrave's Golden Treasury 1929, Edition :

No.

12	A Consolation .. .	..	..	Shakespeare.
14	To me, fair friend, you never can be old ..	..	do	
18	To his love .. .	..	..	do
19	Do .. .	..	..	do
23	True love .. .	..	..	do
29	Remembrance .. .	..	..	do
38	To his Lute .. .	..	..	Drummond.
49	The Triumph of Death .. .	..	..	Shakespeare.
53	Prothalanion .. .	..	..	Spencer.
58	The Lessons of Nature .. .	..	..	Drummond.
71	On His Blindness .. .	..	..	Milton.
72	Character of a Happy Life .. .	..	..	Wotton.
112	L'Allegro .. .	..	..	Milton.
113	Il Penseroso .. .	..	..	do
117	Ode on the Pleasure arising from Vicissitude ..	Gray.		
139	Ye flowery banks o'bonnie Doon .. .	Burns.		
140	The Progress of Poesy .. .	..	..	Gray.
142	Ode on the Spring .. .	..	..	do
147	Elegy written in a Country Church-yard ..	do		
166	On first looking into Chapman's Homer ..	Keats.		
177	The Lost Love .. .	..	..	Wordsworth.
180	A slumber did my spirit seal .. .	..	..	do
193	La Belle Dame Sans Merci .. .	..	..	Keats.
200	Desideria .. .	..	..	Wordsworth.
202	Elegy on Thyrza .. .	..	..	Byron.
208	Ode to Duty .. .	..	..	Wordsworth.
209	On the Castle of Chillon .. .	..	..	Byron.
218	Milton! thou shouldst be living at this hour	Wordsworth.		
217	Pro Patria Mori .. .	..	..	Moore.
227	Stanzas written in Dejection near Naples ..	Shelley		
228	The Scholar .. .	..	..	Southey.

No.

282 Elegy ..	..	..	..	Byron.
240 The Skylark ..	..	..	..	Wordsworth.
241 To a Skylark ..	..	..	..	Shelley.
244 Ode to a Nightingale ..	..	..	..	Keats.
245 Upon Westminster Bridge ..	..	..	..	Wordsworth.
246 Ozymandias of Egypt ..	..	..	..	Shelley.
250 The Reaper ..	..	..	..	Wordsworth.
252 To a lady with a guitar ..	..	..	..	Shelley.
253 The Daffodils ..	..	..	..	Wordsworth.
266 To Sleep ..	..	..	..	do
268 A dream of the Unknown ..	..	..	..	Shelley.
278 The world is too much with us late and soon ..	..	..	..	Wordsworth.
287 Ode on Intimations of Immortality from Re- collections of Early Childhood ..	..	..	..	do
288 Music, when soft voices die ..	..	..	..	Shelley.
289 I strove with none for none was worth my strife. Landor.				
292 To Robert Browning ..	..	..	..	do
304 The Nameless one ..	..	..	..	Mangan.
310 What can I give thee back, O'liberal ..	..	..	..	Browning.
312 If thou must love me let it be for naught ..	..	..	..	do
313 How do I love thee ? Let me count the ways ..	..	..	..	do
317 Children ..	..	..	..	Longfellow.
325 Break, Break, Break ..	..	..	..	Tennyson.
329 Tears, idle tears, I know not what they mean ..	..	..	..	do
334 Come into the garden Maud ..	..	..	..	do
335 In Love, if love be love, if love be ours ..	..	..	..	do
340 The Lost Leader ..	..	..	..	Browning.
341 Home thoughts from abroad ..	..	..	..	do
342 Home Thoughts from the Sea ..	..	..	..	do
344 A woman's last word ..	..	..	..	do
348 Rabbi Ben Ezra ..	..	..	..	do
365 Shakespeare ..	..	..	..	Arnold.
369 Philomela ..	..	..	..	do
370 Requiescat ..	..	..	..	do
374 Heraclitus ..	..	..	..	Cory
381 Song ..	..	..	..	Rossetti.
382 Remember ..	..	..	..	do
392 Itylus ..	..	..	..	Swinburne.
394 A Forsaken Garden ..	..	..	..	do
397 Out of the night that covers me ..	..	..	..	Henley.
402 Gird on thy Sword ..	..	..	..	Robert Bridges.
404 Nightingales ..	..	..	..	do
405 In Memoriam F. A. S. ..	..	..	..	R. L. Steven- son.
413 The Lake Isle of Innisfree ..	..	..	..	Yeats.
414 The folly of being Comforted ..	..	..	..	do

No.

419 For the Fallen	..	..	.. L. Binyon.
424 Sea-Fever	..	..	.. John Masefield.
429 After Ronsard	..	..	.. Charles Williams
430 The Soldier	..	..	.. Rupert Brooke

2. *Detailed Prose.*

A. Selected Modern English Essays. (World's Classics) the following selections :--

1. William Hale White	..	"The Break-up of a Great Drough"
2. Samuel Butler	..	"Ramblings in Cheapside."
3. Henry Austin Dobson	..	"An Old London Bookseller."
4. Mrs. Alice Meynell	..	"Mrs. Johnson."
5. R. B. Cunningham Graham.	..	"With the North-East Wind."
6. Do	..	"Set Free."
7. W. H. Hudson	..	"Her Own Village."
8. Henry W. Nevinson	..	"A Farewell to Fleet Street."
9. Sir Walter Raleigh	..	"Don Quixote."
10. Maurice Henry Hewlett	..	"Wind in the Downs."
11. Do	..	"The Crystal Vase."
12. Logan Pearsall Smith	..	"The Rose."
13. John Galsworthy	..	"A Portrait."
14. G. S. Street	..	"Fog."
15. A Clutton-Brock	..	"Sunday before the War."
16. Do	..	"On Friendship."
17. E. V. Lucas	..	"Ville d'Avray."
18. Hillaire Belloc	..	"On an Unknown Country."
19. H. M. Tomlinson	..	"The Master."
20. S. Somerset Maugham	..	"The Beast of Burden."
21. Edward Thomas	..	"Aunt Ann's Cottage."
22. Robert Lynd.	..	"The Humour of Hoaxes."
23. J. C. Squire	..	"On Destroying Books."

B. Longer specimens of Modern English Prose.
(Omitting Newman, Harrison and Galsworthy.)
(Oxford University Press.)

3. *Non-Detailed* :--

Sheridan—School for Scandal annotated by G. B. Boas (Edward Arnold).

Selected English Short Stories : -(third series); (Oxford University Press), the following stories : -

1. The Old Nurse's Story.
2. The journey to Panama.
3. La Mere Bauche.

4. The Lady of Glenwith Grange.
 5. Esther.
 6. The Idyll of Red Gulch.
 7. An Occurrence at Owl Creek Bridge
 8. Will O' the Mill.
 9. A Daughter of the Ledge.
 10. The open Boat.
 11. The Ghost Ship.
 12. Life of Ma Parker.
- (3) A Brief History of Civilization by Hoyland.
(Latest special edition for Muslim University.)

4. English Literature :—

- (1) Stopford A. Brooke's Primer of English Literature Macmillan 1928 or later edition.
- (2) Outline History of English Literature by W. H. Hudson.

ARABIC.

نثر - (١) پاره عم نصف آخر

(٢) مقامات حریری - خطبه اور مقامات ۱۳ - ۱۷

٣٦ - ٣٦ - ٢١

(٢) البخلاء لجاج حظ تا قصہ محمد بن ابی المؤمل صفحہ (۱۰۰)

مطبوعہ مصر

نظم - (۱) الحماسہ - باب الحماسہ ابتدائی (۳۰۰) شعر

باب المسائی ابتدائی (۱۵۰) اشعار

باب النسیب ابتدائی (۱۵۰) اشعار

(۲) سبع معلقات - امراء القيس - زهیر - عمر و بن كلثوم -

(۳) متنبی - حسب ذیل (۶) قصاید

(۱) لكل امرء من دهره ما تعودا - الخ

(۲) على قدر اهل العنم تلقى العزائم - الخ

(۳) عدوك مذوم بكل لسان - الخ

(۴) اريقك ام ماء الغمامات خمر - الخ

(۵) لا يصرف الدهر فيه تعائب - الخ

(۶) انا منك بين فضائل ومكارم - الخ

مطالعہ سرسری کے لئے۔
 العرات مؤلفہ مصطفیٰ لطقی منفلو طی (مصر) تا مضمون، "الجزء"
 عروض و قافیہ و بلاغت (معانی و بیان و بدیع)
 علم الادب۔ مصنفہ لویس شیخو (حصہ اول) منتخبات
 تاریخ ادب۔ حسب ذیل کتاب کے مطالعہ کی مسارات کی جاتی ہے:-
 عربک لٹریچر (ادب عربی) ایچ۔ اے۔ آر۔ گب (مطبوعہ
 جامعہ آسپورڈ)
 صرف و نحو۔
 کتاب التحوال الواضح فی قواعد اللغة العربية للدارس الثانويہ۔
 الجزء الاول والثانی والثالث
 هدایت۔ اصلی قواعد کے مباحث و تعریفات کو استاذہ اردو میں
 سمجھائیں گے۔
 نوٹ:- کتب مطالعہ سرسری کا امتحان ترجمہ و قواعد کے
 ساتھ ہو گا۔

SANSKRIT.

Prose :—

1. Uttra Rama Charitra (Calcutta edition).
2. Ishopanishad.
3. History of Sanskrit Literature by A. McDonell, Chs. IX-XVI (both inclusive).
4. Kadambari Sara Sangraha (Macmillan Edition) first 50 pages.

Poetry :—

5. Rigveda Selections, Hymns I to V, (Bombay Sanskrit Series, XXXVI Petersons' Edition).
6. Kavya Prakasha of Mammata by P. P. Joshi, (The Oriental Publishing Co. Girgaon, Bombay) chapter on Arthalaṅkar.
7. Tarka Sangraha by Annam Bhatta.

Grammar and Translation :—

8. Apte's Guide to Sanskrit Composition, the 1st 20 Lessons together with 29th and 30th Lessons.

N.B.—All the books can be had of the Manager Oriental Publishing Company Girgaon, Bombay or Poona City.

Persian.

حصہ نظم

(۱) نظم قدیم

قصاید

(۲) انوری

این که می بینم به بیداریست یار بیانخواب
اے ترک می بیار که عیادست و بهمن است
خوشنواحی بغداد جائے فضل و هنر
جرم خود شید چواز حوت در آید به حمل

(۳) ظهیر

صبح دگر از مشرق اقبال برآمد
چون بر زمین طیعه شب گشت آشکار
سپیده دم چوشدم محروم سراے سرور

(۴) سلمان

صبح ظفر از مشرق امید برآمد
به چشم و نغمزه و رخسار و ابرومی بود دلبر
بدل رسید سحرگاه در مقام حضور

(۵) قآنی

دوش بر گردون بیستا باش شهاب آمد پدید
الا که مژده می بود به یار نمگسار من
عیادست و ساقی در قدح صهبا ز مینار یخته

غزلیات

(۶) عراق

جز دیدن روئے تو مر اکار دگر نیست
ز خواب نزگس مست تو سرگران بر خاست

در کوئے خرابات کسے دا کہ نیاز است
 جاؤ حدیث عشقت در داستان لہ گنجد
 کس دم لذرے به میکدہ دوش
 خیزید عشقان نقے سور و شر کنیم
 زدل جاؤ غم عشقت رها کردن تو ان توان
 ائے دل وجہ عشقان شفته جمال تو
 ائے تو زندہ حسم و جان مو نس جان کیستی
 ائے زغم فراق تو حاضر مرا شکایتے

(۲) هلالی

من کیستم تا ہر زمان پیش نظرینم تو
 این ہمد لامہ لہ سر بروزدہ از خاک من است
 از حال دل و ذیدہ پر سید کہ چون شد
 غمے کن درد و عشقت بر دل بیماری آید
 ای سودا ی عشق این ست من دیوانه خواهم شد
 پیش ازان روز یکہ خاک قالم گل ساختند
 بالامن اول آن ہمہ رسم و فداداری چه بود
 یارب غم بے مهری جاناف بہ کہ گویم
 بیارے بیو ف عمرے وفا کردم ندانستم
 بھار میرسد اما بھار دا چہ کنم

(۳) مولانا دروم

(دیوان شمس تبریزی)

بنائے رخ کہ باغ و گلستانم آرزوست
 مرا عقیق تو با ید شکر چہ سود کند
 درخت اگر متھر لک بدے بیا وہ پر
 المتنہ لہ کہ ز پیسکار برستم

بادوئے تو زگاشن و گلزار فارغیم
منم آن نیاز مند ہے کہ بتونیا ز آرم
چہ تدبیرا مے مسلمانان کہ من خود را نمیدام
(۲) جامی

یامن بدا جمالک فی کل ما بدأ
چہ بخت بود کہ ناگہ بسر رسید مر ا
احسن شوقا الی دیار لقیت فیه جمال سلی
ساقی بیساکہ دور فلک شد بکام ما
خوبان هنر ارواز همه مقصود من یکست
توئی کہ درد و غمہ یار ناگز بر من است
آن کیست سواره کہ بلا ہے دل و دین است
بحمد الله کہ بازم دیده روشن شد ز دیدارت
ترا چو مشک تو از برق یاسمی خیزد
دل برد ز من فتنہ گر ہے عشوہ نمایے

مشنویات

(۱) سکندر نامہ نظامی

ظفر یا قلن سکندر بر لشکر زنگیاں
مرا جعت سکندر را ز جنگ زنگیاں و بنا کر دن اسکندر یہ

(۲) شاہنا مہ فردوسی

کشتی گرفتن دستم با سهراب - تا کشته شدن سهراب

(۳) مشنوی مولانا روم

قصہ بازرگان کہ طوطی اورا پیغام داد
بہ طوطیان ہندوستان - تا وداع کر دن طوطی خواجہ راو پویدن

(ب) نظم جدید

(۱) مسدس و ایوان مداین، مطبوعہ ایرانشهر برلن

در وادی وکرت بود یک شب دل من حیران
دنیاست هنگام طلمت کده و ران

(۲) سرمشهدی

دو چیز افزوی دهد بر مردم افزون طلب
زر نجف دسته اگر آسمان نزار آورد
مد زکوی بلقیس آن هد هد خجسته

(۳) ادیب الامالک فرهانی

شکست ذهنی کن خامه نس نگار آورد
ان سوده بر تراز عرش دیهم سرفرازی

(۴) رشید باسمی

گرمه آن مواده از کان آهربیرون شود

(۵) حبیب احمدی

دیشب بر تصر بر حست آن فتنه نشسته

(به استثناء شعر هشتم)

(۶) جلال الامالک

باد شمی روت به عنزه تکار

(ج) حصه نثر

(۱) ابوالفضل

دفتر اول - از «فرمان حضرت شاهنشاهی به اعظم خان
کوکنایش»، ت آخر در قدر - به استثناء فرمان در منع زکوة
دفتر دوم - از ابتدای رقهه و ناظم در معقول و منقول
تبیغ فیضی فیاضی، ت آخر در قدر به استثناء رقات از
ابتداء و بحکمت پژوه شمس الدین علی ملقب به حکیم
عین الملک، ت آخر در رقهه و بیهود شریف آملی،

(۲) ثراول از سه نثر ظهوری

- (۳) سان العجم - حصہ دوم - باب اول
- (۴) رہبر تزاد بو (از صفحہ ۱ تا ۶۷)
- (۵) سیاحت نامہ ابراهیم بیگ از ابتداء تا سیاحت طهران - مطبوعہ انوار احمدی پر یعنی آل آباد مطالعہ سرسری
- (۶) ابراهیم لینکن مطبوعہ برلن ایرانشہر
- (۷) مباحث عروض و بیان و بدیع حدائق البلاغت
- (۸) تاریخ ادبیات ایران
- (۹) جغرافیا ایران
- (۱۰) مختصر تاریخ ایران
- (۱۱) میمی خی کتبے (خط مسماڑی)
- (۱۲) زردشت واوستا
- (۱۳) پہلوی ادب اور ساسانی کارنامے
- (۱۴) قرن زدین اسلام - عربی ادب اور عجمیون کے کارنامے
- (۱۵) فارسی زبان کی بناء اور سامانی دور کا ادب
- (۱۶) غزنوی دور کا ادب
- (۱۷) سلججو کے زمانہ کا ادب
- (۱۸) ایلخانی دور کا ادب
- (۱۹) تیموری دور کا ادب
- (۲۰) صفوی دور کا ادب
- (۲۱) قاجاری عہد و مشروطیت
- (۲۲) عصر جدید ایران (دور پہلوی)
- حسب ذیل کتابوں کے مطالعہ کی سفارش کیجاتی ہے۔
- (۱) لیوی، پرشین لٹریچر، (اکسفورڈ یونیورسٹی پریس)
- (۲) تاریخ ادبیات ایران تالیف جلال ہمائی جلد اول مطبوعہ تبریز
- (۳) تاریخ ادبیات ایران تالیف براؤن چارون جلد و ن

میں سے صرف انواع بالا کا مطالعہ اجھائی طور پر کیا جائے۔
(و) ابتدائی عربی

القراءة ارشیدہ الجزء الاول نايف عبد الفتاح صبری بك
وعلی عمر علی بك مطبوعہ طبعة المعارف بمصر
(یہ کتاب دیکھنے کیلئے دستیاب ہو سکتی ہے)
نوٹ - فارسی نظم و نثر کے انظام استنب پر یہس سے شائع ہونگے۔

URDU.

ثہر

الف۔ برائے مطالعہ نقصانی
(۱) بادگار غائب۔ حلی (حصہ اردو)
(۲) ادنی خطوط غائب۔ منہ مرا محمد عسکری
(۳) مقدمات عبد الحق حصہ اول مرتبہ مرا زاہد بیگ
از صفحہ (۲۱۱ تا ۳۰۹)

ب۔ برائے مطالعہ سرسری
مشرق تنداف ک آخری نمونہ۔ شرد

نقید

(۱) مقدمہ شعر و تعری حالی
(۲) موازنہ ایس و دیر۔ شبیل
تاریخ زبان و ادب

حسب ذیل کتب کی سفارش کیجاتی ہے۔

آب حیات آزاد

تاریخ ادب اردو۔ رام با بو سکینہ مترجمہ عسکری
لئوسٹک سروے آف انڈیا۔ جلد نہم
لکھر موصو عات ذیل کے ابتدائی معلومات پر ہوں گے۔
(۱) ہندوستان کی زبانیں۔ آریائی۔ غیر آریائی
(۲) ہندوستانی ادب کا آغاز وارقاء

- (۳) هندوستانی ادب۔ گجرات میں۔ دکن میں
 (۴) هندوستانی ادب۔ اورنگ زیب کے بعد
 (۵) " " انگریزون سے پہلے
 (۶) " " عهد حاضرہ

نظم

- (۱) انتخاب کلام میر۔ مولفہ مولوی عبدالحق صاحب۔
 (۲) دیوان غالب بحذف غزلیات شریک نصاب امتحان
 انٹر میڈیٹ۔
 (۳) بانگ درا۔ حصہ اول۔ اقبال

(۴) متنوی۔ میر حسن

- (۵) قصائد ذوق۔ مرتبہ ڈاکٹر سر شاہ محمد سلیمان

عروض و بیان و بدیع۔

نجم البلاغت۔ نجم الغنی رامپوری۔

ہندی بھاشا۔

ثہ۔ کادم بری (انڈین پریس اللہ آباد)

نظم۔ بھاشاسار سنگڑہ۔ حصہ اول۔ حصہ نظم

(از ۹۳ تا ۱۲۳ صفحات انڈین پریس اللہ آباد)

MARATHI.

Prose :—

- (1) Hindu Dharma ani Sudharana Pursardha by Mahadeo Shivaram Gole. Ed. 1927, Maharashtra Publishing House, Poona.
- (2) Gadya guchha :—Part 1 Ed. 1926 by N.C. Kelkar. Maharashtra Publishing House, Poona.
- (3) Fiction :—Dutappi Kin Duheri by Shripad Krishna kolhatker, New Kitabkhana, Poona.
- (4) Literature :—*Shahir*
 Books recommended :
 } (1) Maharashtra Saraswat by Bhave.
 } (2) Shahir by Varde.

Poetry :—

- (1) Saupradaya Primala of Niranjan Mhadeo Edited by by L. R. Pangarkar, Budhawar, Poona.
- (2) Raghavya Pariwtha Sangra 1 to 5 by V. V. Bhide, Chitrashala Poona.
- (3) Abhinavakavya Prakash : Chapters X & XI by Prof. R. S. Joga, New Kitabkhana Poona.

TELUGU.

Poetry (1) *-Classical* : -Selections in Telugu, Intermediate Examination in Arts, Madras University S. P. C. K. Press, University Printers, Madras

- (a) Selection No. 26, pages 256 to 265 360 Lines
- (b) Selection No. 32, pages 326 to 335 320 "
- (c) Selection No. 49, pages 506 to 519 327 "
- (d) Nos. 39, 60, and 61, pages 608 to 615 232 "

(2) *-Modern*.

Telugu Tota by Prof. R. Subba Rao, 516 ..

Prose :-(a) Prabhavati Pradyumnamu by Pingali Surannas and Prose by Sirobhushanam Venkata Rangacharyulu, Published by India Printing Works Madras.

(b) Maniharamu by Balasa Subba Rao Saraswati Grandhamala, Rajhamandry.

(c) Prayaschittamu of Tagore Publishers V. Ramaswami Shastri and Sons 292, Esplanade, Madras.

Drama :—"Uttara Rama Charita" of Bhava Bhuti, translated by Jayanti Ramayya, Telugu Academy Office, Pithapuram Godavari District.

Rhetoric :—Narasa Bhoopaleeyamu, Aswas 5. Publishers V. Ramaswami Shastri and Sons, Madras.

History of Literature : From Namaya Bhat upto Allasai Peddana. (No book is prescribed).

KANARESE.

Prose :—(Classical)—Ramaswamedha, Aswas 9 to 16 (both inclusive).

(Modern). Topabala by Sri Siva, Sathyasodhana, Book Depôt, Bangalore.

Drama :—Pratima Nataka by Seeta Rama Shastri (Mysore).

Poetry :—Gadayadha by Ranna (Aswasas 1 to 6 only, 9 verses in the 6th Aswasas), edited by Ramnunja Iyengar.

Pampa Ramayanum—Ramayana by Nagachandra (As-wasas 5 & 6 Karnatka Sahitya Parishat Edition).

Grammar :—Shabdamanidarpana by Kesi Raja (Karnatka Satitya Parishat Edition).

Literature.—Kavicharite (10 to 13 Centuries, both inclusive).
and. Introduction, Vols. 1, 2 and 3.

Rhetoric and Prosody :—Books recommended—

- (1) Apratima Vira Charita edited by M. Ramanuja Aiyangar, Mysore.
- (2) Chehandombudhi by Naga Varma.
- (3) Kannada Kaipidi.

MATHEMATICS.

- (1) Higher Algebra by Hall and Knight, (Osmania University Series).
- (2) Plane Trigonometry by Loney, Part II. do
- (3) Co-ordinate Geometry by Grace and Rosenberg do
- (4) An Elementary Treatise on the Calculus by Gibson. do
- (5) Chapters on Differential Equations from Edward's Integral Calculus. do

Applied Mathematics :—

- (1) Elements of Statics by Loney. do
- (2) Elements of Dynamics do
- (3) Elements of Hydrostatics do
- (4) Elements of Astronomy by Parker. do

HISTORY.

Paper I.—General Historical Essay.

Paper II.—Political Science.

Leacock : Elements of Political Science. (Osmania University Series.)

Gettel : Introduction to Political Science.

Garner : Elements of Political Science.

Gilchrist : Principles of Political Science..

Pollock : History of the Science of Politics. (Osmania University Series.)

Jenks : History of Politics,

do

Paper III.—(i) Economics.

Indian Economies by Prof. Md. Elias Burney (Osmania University Series)

Usul-i-Maashiyat by Prof. Md. Elias Burney

(ii) Sociology.

Books to be prescribed later.

N.B. - For detailed syllabus in Economics and Sociology *vide* Appendix.

Paper IV.—(a) History of Indian Culture.

History of Aryan Rule in India. (Havell.)

The Cambridge History of India, Vol. I

India's Past (MacDonall.)

An Outline of the Religious Literature of India. (Farquhar.)

Modern Religious Movements in India. (Farquhar.)

Indian Islam. (Titus.)

India. (R. Grousset.)

Indian Painting. (P. Brown.)

The growth and development of National Thought in India. (Topa.)

(b) Modern Indian History, 1764 to the present day (for 1933 to 1935).

1. Dupleix and Clive (Dodwell).

2. Political History of India, Vol. I. (Malcolm).

3. Making of India (Ramsay Muir).

4. Warren Hastings (Rulers of India Series). (O. U. S.)

5. Lord Dalhousie (R. I. S.) (O. U. S.)

6. Economic History of India (Dutt). (O. U. S.)

7. Montague Chelmsford Report on Indian Constitutional Reforms, Part I, "The Material."

*Paper V—General :-**(1) History of the Deccan.*

1764 to the present day.

Malcolm's Central India.

Bilgrami and Wilmott's Historical and Descriptive account of the Nizam's Dominions Vol. I.

(2)—Cultural History.

1764 to the present day.

Progress of Learning during British Rule. (Besides general books prescribed for Paper IV).

(3) The Government of the British Empire.

England—Bagshot : English Constitution.

Sidney Low : Government of England.

Colonies—Lowell : Government of England.
Ridges : Constitutional Law of England.

India—Ibert : Historical Introduction.
Horne : Political System of British India.
Kale : Indian Administration.

Paper VI.

A. English Constitutional History—

- Chambers : Constitutional History of England. (Osmania University Series).
- Adams : Constitutional History of England.

or

B. Special Periods :—

I. Islamic History.

- (a) Omayyades (Eastern) for 1933.

(۱) ابن اثیر۔ دو جلد۔ ترجمہ (سلسلہ جامعہ عثمانیہ)
(۲) میور کی کتاب کیلیفیٹ

The Arab Conquest of Central Asia by H.A.R. Gibbs. (3)

The Orient under the Caliphs by Khuda Bakhsh (Relative Chapters). (4)

Lands of the Eastern Caliphate by Le Strange. (5)

(For Historical Geography).

(۶) جرجی زیدان کی کتاب تمدن اسلامی کا وہ حصہ جو
The (Omayyads and the Abbasids) کے نام سے انگریزی میں ترجمہ ہے۔

- (b) The Seljuks for 1934.

(۱) روضۃ الصفا۔ مطبوعہ نو لکشور۔ جلد ۴۔ صفحہ ۸۳۰ - ۱۲۳
(۲) مستوفی تاریخ گزیدہ۔ مصنفہ پروفیسر براؤن۔ صفحہ ۳۳۳ تا ۳۸۰
(۳) حبیب السیر۔ حصص متعلقہ
(۴) نظام الملک طوسی۔ مصنفہ مولوی عبدالرزاق

Finlay's History of Greece. Vol. III & IV (Rebut Chapters.) (5)

Ramsay's Historical Geography of Asia Minor. (6)

Le Strange's Lands of the Eastern Caliphate. (7)

2. Ancient Europe—Greece—The Macedonian Empire under Philip II and Alexander the Great—360 327 B. C.
Adolf Holm : History of Greece Vol. III (O. U. S.)
(Chapters relating to the period).

Greek Imperialism (For Collateral Reading) —(O.U.S.).

3. Modern Europe —1815 onwards.

Dyer and Hassal ..	Modern Europe -Vol. IV only.
Reich ..	Foundations of Modern Europe.
Alison Philips ..	Modern Europe. 1815-1899.
Mowat ..	Contemporary Europe & Overseas.
Seignobos ..	Political History of contemporary Europe 1815-1910.
Shepherd's ..	Historical Atlas.
Putzger ..	Historischer Schulatlas.
Rothert ..	Karten and Skizzen.

PHILOSOPHY.

1st Paper.—Nature, Schools and Problem of Philosophy.

1. Ralph Barton Perry . The Approach to Philosophy.
2. W. James . Some problems of Philosophy.
3. F. Paulson .. Introduction to Philosophy.
4. H. Sidgwick .. Philosophy, its Scope & Relation.
5. Marvin .. An Introduction to Philosophy.
6. Russell (B) .. The Problem of Philosophy.
(O. U. Series.)
7. Fullerton (J. S.) .. Introduction to Philosophy.
8. Sellars (R. W.) .. The Principles and Problems of Philosophy.
9. Calkins (M. W.) .. The persistent problems of Philosophy
10. Jerusalem (W.) .. Introduction to Philosophy.
11. Külpe ..
12. Rappaport .. "Primer" of Philosophy. (O. U. Series.)
13. Alexander .. Space, Time and Deity.
14. Critique of pure Reason. .. Kant.

2nd Paper.—History of Philosophy. -

1. A short History of Philosophy by Alexander.
2. A History of Philosophy by Weber.
3. Essay concerning Human Understanding by Hume.
4. Principle of Human Knowledge by Berkeley.
5. Discourse on Metaphysical Method by Descartes.

(Book 3, 4 or 5 will be prescribed in rotation every year).

3rd Paper.—Hindu Philosophy.

Text-books for intensive reading.

1. The six systems of Indian Philosophy. (Max Muller).
2. History of Indian Philosophy. (Dass Gupta).

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3. Indian Philosophy. (Radha Krishna).
 4. Philosophy of the Upanishads. (Denssen).
 5. History of the Creative Period of Indian Philosophy. (Ranade).
 6. Sarva Darshana Samagraha. Cowell (Trubner's series).
 7. Bhagwat Gita. (Telang).

Text-books recommended for study.—

- 1. Studies in Early Indian Thought. (Stephen Dejai).
- 2. Systems of Vedantic Thought and Culture. (Mahendra Nath Sarkar).
- 3. Pantheism and its value for life. (Urquhart).
- 4. Positive Sciences of Ancient Hindus (Seal B. N.)
- 5. Indian Philosophy. (Dayies).
- 6. Patanjalis Yoga system. (Woods).
- 7. Outlines of the Vedanta system. (Denssen).
- 8. Hindu Realism. (Chatterji).
- 9. The Sankhya system. (A.B. Keith).
- 10. Indian Logie. (Keith).

Books to be consulted :—

1. The Thirteen Principal Upanishads. (Hume).
2. Sacred books of the East. (Max Muller).
(Upanishads and Brahma Sutras).
3. Sankhya Pravachava Bhashya (Vijnana Bhikshu).
4. Sidhanta Muktaivali. (Vatsayana).
5. Vedanta Oaribhasha.
6. Great Religious Teachers of the East (Alfred Martin).
7. Philosophy of Upanishads. (Radha Krishna).

4th Paper.—Outline of Islamic Philosophy, Kalam and Sufism-

Books for reference :—

1. Ilmul Kalam by Shibli.
2. Algazzali do
3. Ibn-i-Rushd Moulvi Mohd. Youns.
4. History of Islamic Philosophy by De Boer Osmania University Series).
5. Arabic Thought by O'Leary.
6. Metaphysics in Persian by Sir Muhammad Iqbal.
7. Hikmat-ul-Ishraq by Shaikh Shahabuddin Suhrawardy (O. U. S.)
8. Maqasidul Falasafa-wa-nihayatul Falasfa by Imam Ghazzali.
9. Kashf-ul-Mahjub by Ali Hujweri.

-
10. Gulshani Raz by Mahmud Shabistri.
 11. Portions of Masnawi by Rumi.
 12. Mantiq-ut Tair. Fariduddin Attar.
 13. Portion of Khusus-ul-Hikm (Hadiqa Sana). Ibn Arabi.

5th Paper.—Psychology :—

- (a) Books for detailed study . . .
1. Woodworth's—Psychology a study of mental life.
 2. W. James'—Text book of Psychology. (O. U. S.)
- (b) Books for non-detailed study and reference :—
1. McDougall.. A primer of Physiological Psychology.
 2. McDougall.. Outlines of Psychology.
 3. Watson .. Foundations of Psychology.

6th Paper.—A brief study of theoretical and practical ethics : -

1. Manual of Ethics by Mackenzie (O. U. S.)
2. Theory of Good and Evil by Rashdaal (O. U. S.)
3. Ethics by Dewey and Tufts . (O. U. S.)
4. Ethics by Palson.

MUSLIM THEOLOGY OR MORALS.

(A) Theology (for Hanafi students) :—

The following syllabus is prescribed :

مذہب

اس کی عام حقیقت - غرض و غایت - مذہب کا علوم عقلیہ یعنے
حکمت (سائنس) اور فلسفہ سے تعلق - فلسفہ کے مسلک - مادیت
کا اثر مذہب پر - مسلک مادیت کے سمجھنے کے لئے خود مادہ پر
بحث - دین فطرت یعنے اسلام - یہ دین کے اثرات سے
مذہب کیون گھٹ رہے ہیں -

وجود باری اور آس کے یقین کے اسباب -
خلق عالم - خالق و مخلوق کا باہمی تعلق - دبویت و قیومیت کے
ظاہر - توحید - صفات

روح و ملائکہ -

روح کی حقیقت - اس کے احوال و آثار - اس کی بقا - ملا ؎ کہ
 کی حقیقت پر بحث - جن و شیاطین کی حقیقت - رسالت -
 نبوت کی حقیقت - اس کی ضرورت و غایت - رسول کی پہچان
 اس کی تعلیم و کتاب - معجزات اور اس کے لواحق ، امکان
 وجود ، شہادت ، ان کا دلیل نبوت ہونا - وحی - الہام عموم
 نبوت محمدیہ - ختم نبوت - نسخ ادیان - خلافت الہیہ -

معاد -

سزا و جزا - عذاب قبر - قیامت - جنت و دوزخ -

تقدیر - جبر و اختیار - خیرو شر

شریعت و طریقت -

کلام مجید و احادیث پر انکی بناء - آنکے اختلافات کی نوعیت
 (۱) برائے مطالعہ تفصیلی

سورہ بقر (جو عنوانات مباحث کلامیہ کے لئے
 متعلق ہیں انکی حسب موقع تفصیل کیجائے)

(۲) برائے مطالعہ سرسری

دین و دانش (مولوی محمود علی صاحب)
 حکمت اسلامیہ (مولوی عبد القدیر صاحب)

(B) Morals (For Non-Hanafis and Non-Muslims)
 Mackenzie's Ethics (Osmania University Series).

M. A. EXAMINATION.

1343-1344 F. (1934-1935).

1. ARABIC.

ثہر تاریخی

(۱) سبرہ ابن هشام - از ذکر ما ابتدأ به النبی صلیم صفحه (۱۰۱)
تا آخر الجزء الخامس - صفحه (۲۶۲) طبع یورپ

(۲) المسعودی - مروج الذهب از باب السابع والثلاثون
ذکر عاد وملوکها - تا باب الحادی والستون -

ثیرغیر تاریخی

(۱) کتاب البيان والتبيين من خطب النبي صلیم خطبه حجة الوداع
الى آخر الجزء الاول صفحه (۱۶۳ تا ۲۲۲) طبع قاهرہ
المطبعة العلمية سنة ۱۳۱۵ھ

(۲) کتاب الغفران (للعری) مختصر الجزء الاول تا صفحه (۲۳۰)
ایجاز و شرح کامل گیلانی طبع مصر ..

(۳) البرد - پہلے (۱۶) باب (یوروپی اشاعت کے ابتداء سے
صفحہ ۱۰۰)

نوٹ - طالبعلم کو چاہئے کہ اس کتاب کا پورا مطالعہ کرے -

نظم -

(۱) معلقات (لید - طرفہ - عنترہ - حارث ابن حازہ)

(۲) لامیۃ العرب للشنفری

(٣) قصیدہ بانت سعد (مکمل)

(٤) دیوان ابو تمام سے حسب ذیل (٥) قصاید

(١) السیف أصدق أنباء من الكتب

(٢) أهن عوادی يوسف وصواحبه

(٣) الحق ابیج والسيوف عوار

(٤) اما أنه لولا الخلط المودع

(٥) كذا فليجعل الخطب وليفدح الأمر (المراثی)

نحو و تنقید و عروض و بلاغت -

(١) المفصل للزخمری - القسم الاول (طبع يورپ - صفحات ٢٨٠ تا ١٠٨)

(٢) العمدة لابن الرشيق - الجزء الأول از ابتدأ تا باب البلاغة
صفحات ١ تا ٦١ طبع مصر سنہ ١٣٢٥ھ باستثنائے
باب الاوزان و باب القوافی

(٣) كتاب الشعر والشعراء لابن قتيبة از ابتدأ تا ختم عیوب الشعر
(طبع يورپ کے ٣٥ صفحے)

(٤) كتاب علم الادب الجزء الأول مؤلفه لويس شيخو اليسوعي
طبوعہ بیروت (منتخبات)

تاریخ ادب -

(١) جاہلیت سے حال تک کے ادبیات عربیہ کی تاریخ

(٢) پروفیسر نکلسن کی تاریخ ادبیات عرب - جرجی زیدان کی تاریخ
آداب اللغة العربیہ اور اوییری کی کتاب (عربک تہات) کے
مطالعہ کی سفارش کی جاتی ہے -

كتاب الشعر والشعراء کا مکمل مطالعہ بھی ضروری ہے -

عبرانی یا جرمی یا فرنچ

السنہ مذکورہ بن سے کمی ایک زبان کے ابتدائی معلومات کے متعلق ایک یوچہ (۵۰) نشانات اور دو ساعت کا ہو گا جسمیں اس زبان کی آسان علمی عبارتیں اردو میں ترجمہ کیلئے دی جائیں گی یا ان پر اردو میں بحث کرے کو کہا جائیکا۔

هدایت۔ عربی جدبد سے واقعیت حاصل کرنے کیلئے طالبعلم کو چاہئے کہ النظرات مولفہ المتفاوضی کا مطالعہ کرے۔ یہ کتاب مکتبہ احبابہ سے منگوائی جاسکنی ہے۔

2. PERSIAN.

امتحان ابتدائی۔

پہلا پرچہ حصہ نظم

الف۔ نصائر۔

- ۱۔ مادر می را بکرد با یاد مر با ف رو د کی
- ۲۔ اے نہادہ بر میان ف ق جا ف خو یشن منو چھری
- ۳۔ صبحدم چون کله بنددا آہ دود آسائے من خاقانی
- ۴۔ صبحدم چون در دم دل صود شیون زائے من عرفی
- ۵۔ رود آمون گشت جیحون زا شک جیحون زائے من قا آنی
- ۶۔ شرح عم تو لذت شادی بجان دهد ظہیر
- ۷۔ شیرین دھان یار کہ راحت بجان دهد خسر و
- ۸۔ طبع بعرضہ کردن دریا و کان رسید انوری
- ۹۔ این خرمی نگر کہ مرانا گھاف رسید کمال
- ۱۰۔ صبح د گر از مسرق اقبال برآمد ظہیر
- ۱۱۔ صبح ظفر از مشرق امید برآمد سلمان

ب۔ غزلیات۔

حسن

چهره نگار کرد گل چهره بارہن بخا
 اے خمزة خون ریزت تاراج دل و دینها
 باز ممست عشق خود کردی من دیو آنه را
 عزم سفر شد آن گل نو در رسیده را
 اند رغم توام سروسا مان چه حاجت ست
 ساقی می ده که یار ممست من باز آمدست
 بزم من که داندا ینکه بلای فراق چیست
 اے دو جهان فدائی تو توز جهان دیگری

طیری

ازین ویرانه ترمی خواستم و بر آنه خود را
 زعا شق می شود معشوق رانام و نشان پیدا
 محبت بادل محمدیده الفت بیشتر گیر د
 سر بر آور بر کله داران قباها تنگ ساز
 هر جا که بود عیش خوش و روز گار خوش
 عمر اگر باقی ست رنجشها کمین خواهد شدن
 زآن عنبرین کلاله که بر سر نهاده
 کیست این ازدواج رعنائی بحوالان آمد

ء اٽ

جز د بدن رو مئے تو مر ا کار د گر نیست
 ز خواب تر کس میست تو سر گران بر خواست
 در کوی ترا بات کسی را که نیا زست
 جان ان حدیث عشقت در داستان نہ تنجد
 خبز ید عاشقان نفسی شور و شر کنیم
 ز دل و جان ان غم عشقت رها کردن تو ان توان
 اے دل و جان عاشقار شیفته جمال تو
 اے بتوز نده جسم و جان مونس جان کیستی

نھ و

پردہ عاشقان در د پردہ کند چور وی را
 بت نو رسیدہ من هوس شکار دارد
 چون گاه خرامیدن یارم ز زمین خیز د
 چون ز نسیم صبحدم زلف تو بر هو اشود
 تا بز ما نه شد خبر از مه با کمال تو
 مهر تود در دل من ما نند جان نشسته
 دلا آن تر ک رادیدی کنون سامان بکایی
 ساقی بیا که موسم عیش ست و میم وی

جامی

بام برآ وجلوه ده ماہ تمام خویش دا
 باز این نهار در سرم از چشم میست کیست
 اے توک شوخ این همه ناز و عتاب چیست
 در دا که عشق یار بدیو انگی کشید

عیدست و دارد هر کسے عزم تماشای دگر
 نادیده رخت عمر سودا ای تو ورزیدم
 روی تو غائب از نظر گل راتا شاچون کنم
 ز شهر تا نکنی جان به آن جهان نرسی

ہلالی

زان پیشتر که عقل شود رهنمou مرا
 نہادی بر دلم داغ فراق و سوختی جا نزا
 این تازه گل که میرسد از نو بھار کیست
 می خواهم و کنچھے که بجز یار نہ باشد
 درد مندم گر مر ادرمان نباشد گو مباش
 هرشبیے گویم که فرد اتوك این سودا کنم
 برخیز و بسر وقت عزیزان گزوری کن
 اے زبهار تازہ تازہ بھار کیستی

ج - مشنوی -

(۱) مخزن الاسرار نظامی (انتخاب)

(۲) جاوید نامہ اقبال وو

د - رباعیات -

شیخ ابوسعید ابن ابی الحیر و حکیم عمر خیام
 نوٹ - شعراء متذکرہ بالا کے کلام سے واقفیت اور انکے کلام کا تقابی
 مطالعہ لازمی ہے۔

دوسر اپرچہ نہ -

- (۱) چهار مقاله نظامی عروضی سمر فندی (کتب سیریز)
- (۲) سیاست نامه نظام الملک (طبع نادری بعلئی)
- (۳) مرز با نامه (باب دوم) معه مقدمہ مصحح
- (۴) بست مقالہ قزوینی صفحہ (۱ تا ۱۰۵)

تیسرا پرچہ - عصر جدید و مضمون نویسی -
حسب ذیل کتب کے مطالعہ کی سفارش کیجاتی ہے -

- (۱) حاجی بابا اصفهانی مطالعہ سرسری
 - (۲) اختناق ایران
 - (۳) تجلیات روح ایرانی (مطبوعہ ایرانشهر)
 - (۴) ترجمہ احوال سید جمال الدین افغانی (مطبوعہ ایرانشهر)
 - (۵) رہ آورد وحید دستگردی (انتخاب)
- نوٹ - مضمون نویسی بالعموم متذکرہ بالا کتب پر مبنی ہوگی
جو تھا پرچہ - عربی - بلاغت و عروض فارسی
القراءة الرشيدة (الجزء الرابع صفحہ ۱ تا ۲۲۳، باستثناء اسباق منظوم)
بلاغت و عروض کیلئے حسب ذیل کتابوں کی سفارش کیجاتی ہے -
حدائق السحر - رشید و طواط حصہ (بیان و بدیع) (مطبوعہ طهران)
المعجم في معايير اشعار بضم - شمس قيس - (عروض)
دیبورع - روحي - معانی (مطبوعہ لاهور)
امتحان آخری -

پہلا پرچہ - تاریخ ادبیات ایران - ازا بتد اتا عهد مغول -

حسب ذیل کتابوں کے مطالعہ کی سفارش کیجاتی ہے :-

ایران قدیم، هامنشی دور اور دریختی کتبے

ایران قدیم حسن پیر نیا مشیرالدولہ مطبوعہ طهران

An Outline of Persian History based on Cuneiform Inscriptions by Alh. (۲)

Sykes, History of Persia, 3rd Edition (Vols. I & II for all periods). (۳)

C. Huart, Ancient Persia (Chapters I — III). (۴)

The Cambridge Ancient History Vol : IV Ch : i (۵)

زردشت اور اوستا

A. V. W. Jackson, 'Zoroaster' & Zoroastrian Studies (۱)

Pur-i-Dâd's Introductions to the editions of Yashts and Gathas (Marker Avestan Series). (۲)

Dhalla, Zoroastrian Theology

ساسانی دور اور پهلوی

West, Article on Pahlavi Literature (Grundriss der Iranischen Philologie Vol. II, pp. 75-129). (۱)

Nariman, Iran & Iranians (۲)

اسلامی دور اور فارسی ادب

(۱) احوال و اشعار رود کی، سعید تفیسی جلد اول و دوم مطبوعہ طهران

(۲) سخن و سخنواران، بدیع الز مان شیر و یه خراسانی (وزارت معارف)

(۳) روزنامہ کاوه - سلسلہ مضامین متعلقہ مشاهیر شعراء ایران

(۴) تاریخ ادبیات ایران - جلال الدین همانی جلد دوم

Barthold, Turkestan down to the Mongol Invasion. (۵)

Browne, Literary History of Persia Vol. I & II. (۶)

پرچہ دوم - از عهد مقول تا زمانہ حال۔
حسب دلیل کتابوں کے مطالعہ کی سفارش کیجاتی ہے۔

Browne, Persian Literature under Tartar Dominion (1)

Browne, Persian Literature in Modern Times (2)

Browne, A Year Amongst the Persians (3)

Browne, The Press and Poetry of Modern Persia (4)

Browne, Persian Revolution (5)

E. D. Ross, Persia (6)

The Times, London: Persian Number January
5th, 1931. (7)

مقالہ - حسب تصریح قواعد متذکرہ بالا۔

3. URDU :—

امتحان ابتدائی :—

پرچہ اول - زبان قدیم -

ولی - کلیات مرتبہ انہمن ترقی اردو

سودا - قصاید - مشنویات - مراثی

میر - مشنویات - قصاید

وجھی سبرس - ذکونی مرثیے - انتخاب اردو شہ پارے -

شمس اللہ قادری - اردو میں قدیم جدید اڈیشن

نولکشور پریس

پرچہ دوم - نظم -

انیس - مراثی جلد اول و دوم

شفیقتہ - دیوان

اقبال - بانگ درا حصہ دوم و سوم

دیرو سیع مٹانی (سید سرفراز حسین صاحب خبیر

ممتاز بک ایجنسی نخاس لکھنؤ)

پرچہ سوم - نثر -

میراون - باع و بھار

سرور - فسانہ بحائب

سرسید - خطوط (بدایوان پریس)

حالی - حیات جاوید

شرد - ایام عرب

آزاد - دربار اکبری

پرچہ چہارم مضمون نویسی

امتحان آخری :-

پرچہ پنجم - تاریخ زبان و ادب -

- (۱) زبان ماهیت و آغاہ اور کثرت السنہ کے اسباب
- (۲) تشكیل السنہ - فطری ارتقا - ارادی تشكیل
- (۳) دنیا کی زبانیں - طریقہ تقسیم - مختلف خاندان اور شاخین
- (۴) ہندوستان کی زبانیں - ہند آریائی ارتقاء - آریائی گروہ - غیر آریائی زبانیں -
- (۵) ہندوستانی - آغاز و ارتقاء - (شمال، گجرات، دکن)
- (۶) دو آبہ کی زبان - ہندوستانی کا ارتقاء اور مقامی زبان کا اثر
- (۷) گجرات اور دکن کی زبان - ہندوستانی کا ارتقاء اور مقامی بولیوں کا اثر -
- (۸) ہندوستانی کے جدید رجحانات - هندی - اردو
- (۹) ادب قدیم - آغاز سے ولی تک (گجرات - دکن - شمال)

- (۱۰) درمیانی ادب۔ اردو نظم و ثروتی سے حالتک
 (۱۱) عہد حاضر۔ حالی۔ سے موجودہ زمانہ تک کی اردو نظم
 و نثر جدید۔ رجحانات۔

حسب ذیل کتب کی سفارش کیجائی ہے :

گریسون لنگوستٹ سروے آف انڈیا (جلد نهم حصہ اول)
 شیفتہ۔ گلشن بیخار
 انسا۔ دریا میں اطافت
 پروفیسر سلیم۔ وضع اصطلاحات
 عبد الحق۔ تذکرہ کل رعنا
 عبد السلام۔ شعرالہند
 سکسپینہ۔ تاریخ ادب اردو (اردو ایڈیشن)
 مختلف تنقیدیں بشمول مقدمہ دیوان حالی و موازنہ ائمہ
 و دیر وغیرہ۔
 پرچہ ششم۔ بہاشا۔

راجہ چھمن سنگھ۔ شکنلا نائلک هندی بالبودہ و یا کرن
 تسلی داس راماین (اجودھیا کانڈ)
 تاریخ ادب هندی (ہری لیج آف انڈیا سیریز)
 نوٹ۔ ایم۔ اے میں کامیابی کیلئے اس پرچہ میں (۳۰) فیصد تشریفات
 لینا ضروری ہے۔

مقالہ یا کسی کتاب کو اڈٹ کرنا (۲۰۰) تشریفات مقالے پروفیسر کی
 نگرانی اور مشودے کے مطابق لکھے جائیں مضا میں کا انتخاب
 پروفیسر کی تحریک پر مجلس نصاب کی منظوری سے ہو گا۔

4. HISTORY :—

Previous Examination

1st Paper.

Freeman : Comparative Politics.

Hammond . Comparative Politics:

B. K. Sarkar : Political Institutions and Theories of the Hindus Part I: (for Early Hindu Politics):

J. N. Sarkar : Mughal Administration:

Khuda Bakhsh : Orient under the Caliphs, (Parts relating to administration):

ترجمہ ماوردی الاحکام السلطانیہ

Sidgwick : Development of European Polity:

W: Wilson : The State:

Masood : Japan (chapters relating to the Japanese constitution and administration).

2nd Paper

Dunning : History of Political Theories.

Barker : Political thought from Spencer to to-day.

B: K: Sarkar: Political institutions and theories of the Hindus.

Outline of Islamic Political Theories

3rd and 4th Paper.

(a) *Indian History (i) Ancient Period.*

Arrian : Anabasis of Alexander.

Wheeler : Alexander the Great.

Pearson : Alexander, Porus and the Punjab.

Smith : The Early History of India;

McCrindle : Ancient India as described by the classical authors, *Viz.* Magasthenes, Ptolemy, etc.

Rapson : The Cambridge History of India Vol. I.

Holm : History of Greece Vols. III & IV. (Parts relating to the conquest with foot-notes.) O. U. S.

Indian History (ii) British period (1798 to 1828).

The following books are recommended :—

Sir John Malcolm : History of India.

Ramsay Muir : The Making of British India.

R. Pearce : Memoirs and correspondence of Lord Wellesley, Vols. I. and II.

M. Mehta : Lord Hastings and the Indian States.

H. G. Briggs : The Nizam, Vol. I,

Grant Duff : A History of Mahattas, Vol. III.

Wilkes : History of Southern India (Portions dealing with the prescribed period).

(b) European History (1852-1871).

Aclon : "Cambridge Modern History" Vol. IX.

Fyffe : "History of Modern Europe" Vol. III. (O; U.) ,

Hertslet : "Map of Europe by Treat" Vols. II & III.

Bourgeois : "Modern France" .. Vol. II.

Senior : "Conversations with Thiers, Guizot, &c." 2 Vol.

Simpson : "Louis Napoleon and the Recovery of France."

Ward : "Germany" -Vol. II.

King : "History of Italian Unity" 2 Vols.

Jonquiere : "Histoire de l' Empire Ottomane" Vol. II.
(Osmania University Series)

(c) Islamic History.

- (١) طبری (حصص متعلقه)
- (٢) ابن اثیر کی تاریخ کامل (حصص متعلقہ) (سلسلہ جامعہ عثمانیہ)
- (٣) صروج الذهب - سعودی (حصص متعلقہ) (سلسلہ جامعہ عثمانیہ)
- (٤) الاخبار الطوال - دینوری
- (٥) تاریخ ابن خلدون (حصص متعلقہ)
- (٦) التنیہ والاشراف - سعودی سلسلہ جامعہ عثمانیہ
- (٧) اخبار مکہ - ازرق
- (٨) البيان المغرب فی الاخبار المغرب (نصف اول و دوم - حصص متعلقہ)
- (٩) کتاب المعرف - قنیبه
- (١٠) الامامة والسياسة
- (١١) التخری - ابن طقطقنه

فتح المدن - بلاد ذرى (انگریزی ترجمہ)	(۱۲)
احکام السلطانیہ - ماوردی (سلسہ جادہ عثمانیہ)	(۱۳)
النجوم الزاهرہ - ابن قفری بردى (حصص متعلقہ) جلد اول	(۱۴)
بعقوی	(۱۵)
Le Strange's Palestine under the Muslims.	(۱۶)
Le Strange's Land of the Eastern Caliphate.	(۱۷)
Gibb's Conquest of Central Asia.	(۱۸)

(d) *English Constitutional History* (1642-1702).

Candidates should have a competent knowledge of the development of the English Constitution during the period under review with special reference to some of the original documents contained in such collections as Gardiner's and Robertson's. For the outlines of the subject the student may consult such books as the works of Gardiner, Hallam, Ranke and Guizot so far as they have a bearing on the subject.

N. B.—Up-to-date knowledge of Modern Constitutions will be required.

FINAL EXAMINATION.

1st Paper—General Historical Essay.

2nd Paper—Special Topics.

(a) of Comparative Politics.

(Government of the British Dominions and India).

Keith : Responsible Government in the Dominions
Report of the Imperial Conference, 1926.

(b) of Political Theories.

The Political Theories of Ibn-e-Khaldoon.

5. PHILOSOPHY.

Books recommended :—

*(a) PHILOSOPHY OF RELIGION:—**Hoffding* : Philosophy on Religion.*Caird* : Introduction to the Philosophy of Religion.*W. James* : The Will to Believe.*W. James* : Varieties of Religious Experience.*Webb* : God and Personality.*Schleirmacher* : Reden.*Jalaluddin Rumi* : Masnavi.*(b) AESTHETICS:—**Essays in Encyclopædia on Aesthetics.**Kant* : *Critique of Judgment* :*Hegel* : *Aesthetics* :*Croce* : *Aesthetics* :*Carret* : *Theory of Beauty* :**6. MATHEMATICS:—**

The following books are recommended :—

Algebra :—*Hall and Knight* : Higher Algebra.*Milne* : Higher Algebra.*Chrystal* : Treatise on Algebra.*Trigonometry* :—*Loney* : Plane Trigonometry, Part II.*Hobson* : Treatise on Plane Trigonometry.*Pure Geometry* :*Askwith* : Course of Pure Geometry.*Durrel* : Course of Plane Geometry for advanced students.

Parts I and II.

Analytical Geometry of two dimensions :—*Askwith* : Analytical Geometry of the Conic Sections.*Smith* : Elementary Treatise on the Conic Sections by the methods of Co-ordinate Geometry.

Analytical Geometry of three dimensions and Differential Geometry :—

Smith : Elementary Treatise on Solid Geometry.

Bell : Elementary treatise on co-ordinate Geometry of three dimensions.

Differential Equations :—

Piaggio : Elementary Treatise on Differential Equations.

Farsyth : Treatise on Differential Equations.

Differential and Integral Calculus :—

Gibson : Elementary Treatise on the Calculus.

Lamb : Infinitesimal Calculus.

Williamson : Elementary Treatise on the Differential Calculus.

Do : Elementary Treatise on the Integral Calculus.

Goursat : Mathematical Analysis Vol. I.

Theory of Functions of real and Complex variable :—

Hardy : Pure Mathematics.

Goursat : Mathematical Analysis Vol. I and Vol. III Part I.

Whittaker and Watson : Modern Analysis.

Elliptic Functions :—

Dixon : Elementary Properties of the Elliptic Functions.

Whittaker and Watson : Modern Analysis.

Fourier Series :—

Carslaw : Theory of Fourier Series and Integrals.

Whittaker and Watson : Modern Analysis.

Attractions :—

Minchin : Treatise on Statics, Vol. II.

Routh : Treatise on Analytical Statics, Vol. II.

Electricity and Magnetism :--

Jeans : Mathematical Theory of Electricity and Magnetism.

Pidduck : Treatise on Electricity.

Livens : Theory of Electricity.

Statics :--

Loney : Treatise on Statics.

Lamb : Statics

Minchin : Treatise on Statics Vols. I and II.

Dynamics of a Particle :

Loney : Treatise on the Dynamics of a Particle and of Rigid Bodies.

Love : Theoretical Mechanics.

Besant and Ramsey : Treatise on Dynamics.

Rigid Dynamics : -

Loney : Treatise on the Dynamics of a Particle and of Rigid Bodies.

Besant and Ramsey : Treatise on Dynamics.

Routh : Rigid Dynamics, Part I.

Hydrostatics :--

Besant and Ramsey : Treatise on Hydromechanics Part I Hydrostatics.

Hydrodynamics :--

Lamb : Hydrodynamics.

Besant and Ramsey : Treatise on Hydromechanics Part II Hydrodynamics.

Spherical Trigonometry : -

Todhunter and Leathem : Spherical Trigonometry.

Spherical Astronomy : -

Godfray : Treatise on Astronomy.

Ball : Treatise on Spherical Astronomy.

Optics : -

Heath : Treatise on Geometrical Optics.

Herman : Optics.

Ramsey : Optics.

FACULTY OF SCIENCE
B. Sc. Examination

1843—1844 F. (1934—1935).

ENGLISH.**Non-Detailed**

- (1) Sheridan—School for Scandal annotated by G. B. Boas (Edward Arnold).
- (2) Selected English Short Stories :—(Third series); (Oxford University Press), the following stories :—
 1. The Old Nurse's Story.
 2. The Journey to Panama.
 3. La Mere Bauche.
 4. The Lady of Glenwith Grange.
 5. Esther.
 6. The Idyll of Red Gulch.
 7. An Occurrence at Owl Creek Bridge.
 8. Will O' the Mill.
 9. A Daughter of the Ledge.
 10. The Open Boat.
 11. The Ghost Ship.
 12. Life of Ma Parker.
- (3) A Brief History of Civilization by Hoyland. (Latest special edition for Muslim University).

PHYSICS.

No text-books are prescribed. The following books are recommended for reference :—

- (1) Watson's text-book of Physics.
- (2) Duncan and Starling's Text-book of Physics (Osmania University Series).
- (3) Allan and Moore's Practical Physics (Osmania University Series).
- (4) A course in Mathematics for Physics students, compiled by Principal Abdur Rahman Khan.

CHEMISTRY.

- (1) Inorganic Chemistry by Partington. (Osmania University Series).
- (2) Inorganic Chemistry from the stand-point of periodical System by Cavan and Lander , ,
- (3) Introduction to Physical Chemistry by Walker , ,

-
- (4) Theoretical Organic Chemistry by Cohen (Osmania University Series).
 (5) Outlines of Chemistry by Fenton ..
 (6) Practical Chemistry by Bruce and Harper. ..
 (7) Practical Organic Chemistry by Cohen ..

MATHEMATICS.

The following books are recommended :—

- (1) Higher Algebra by Hall and Knight. (Osmania University Series).
 (2) Plane Trigonometry by Loney, Part II. ..
 (3) Co-ordinate Geometry by Grace and Rosenberg ..
 (4) An Elementary Treatise on the Calculus by Gibson .
 (5) Chapters on Differential Equations from Edward's Integral Calculus. ..

Applied Mathematics.—

- (1) Elements of Statics by Loney ..
 (2) Elements of Dynamics do ..
 (3) Elements of Hydrostatics do ..
 (4) Elements of Astronomy by Parker. ..

N.B.—For Detailed Syllabuses in Mathematics, Physics, Chemistry, etc.,
vide appendix.

BOTANY.

- | | |
|----------------------------|---------------------------------------|
| Scott | .. Structural Botany Vols. 1 & 2. |
| Coulter Barnes and Coules. | } Text-book of Botany Vols. 1 & 2. |
| Strasburger | .. Text-book of Botany. |
| Strasburger and Hillhouse | } Practical Botany. |
| Green | .. Vegetable Physiology. |
| Caver | .. Practical Botany. |
| Lock | .. Variation, Heredity and Evolution. |
| Punnett | .. Mendelism. |
| I. R. Green | .. Manual of Botany Vols. 1 and 2. |
| Bower | .. Botany of the Living Plant. |

ZOOLOGY.

Books recommended.—

1. Parker and Haswell .. Text-book of Zoology Vols. 1 and 2.
2. Marshall .. The Frog.
3. Dendy .. Outlines of Evolutionary Biology.
4. G. C. Bourne .. Comparative Anatomy of Animals. Vols. 1 and 2
5. Foster and Balfour .. Elements of Embryology.
6. Wall .. Poisonous terrestrial snakes and how to recognise them.
7. Marshall and Hurst .. Practical Zoology.

MUSLIM THEOLOGY OR MORALS.

Same as for the B.A. Examination.

M. Sc. EXAMINATION.

1. *Chemistry* :—

1. Theoretical Chemistry by Nerrest.
2. Inorganic Chemistry. Hoffmann.
3. Organic Chemistry by Bernthsen
4. Advanced Organic Chemistry by Cohen
5. History of Chemistry by Thorpe, 2 Vols.
6. Electro-Chemistry by Le-Blanc.
7. Radio-Activity by Hevesy and Paneth.
8. An Experimental course of Physical Chemistry by Spencer, 2 Vols., pages 516.
9. Practical Organic Chemistry by Sudborough and James.
10. Quantitative Analysis by Clowes and Coleman.
11. Qualitative and Quantitative Analysis by Treadwill and Hall. 2 Vols.
12. Outlines of Industrial Chemistry by Throp.

In addition to the text-books already mentioned, the following books are recommended for the final year :—

1. Inorganic and Theoretical Chemistry by Mellor.
2. A Text-book of Inorganic Chemistry edited by Newton Friend.
3. Organic Chemistry by Richter.
4. Physical Chemistry by Taylor, 2 Vols.
5. A Text-Book of Physical Chemistry edited by Mr William Ramsay.
6. New Ideas on Inorganic Chemistry by Werner.
7. Inorganic Chemistry by S. Ephraim translated by Thorn.
8. Electro-Chemistry by Creighton and Fink. 2 Vols.
9. Chemistry of Nitrogen by Sidgwick.
10. Systematic Organic-Chemistry by Cumming, Hopper and Wheeler.

-
11. Practical Methods of Organic Chemistry by Gatterman.
 12. Radiotactive substances and their radiations by E. Rutherford.
 13. Radiotactivity by Hevesy and Pavelts.
 14. Bragg's X-rays and Crystal Structure.
 15. Morinari's Chemistry.

2. Physics :--

No Text-books are prescribed ; but the following books are suggested as indicative of the scope of the subjects required for study. Candidates are required to study the original papers and to remain in touch with modern developments of Physics :-

General Physics :--

- Haas—Theoretical Physics.
 Poynting and Thomson—Properties of Matter.
 Jeans—Dynamical Theory of Gases.
 Barton—Analytical Mechanics.
 Newman and Searle—Properties of Matter.

Sound :—

- Barton : Sound.
 Rayleigh : Sound.
 Richardson : Sound.
 Wood : Text-book of Sound.

Heat :--

- | | |
|-------------------------|--------------------------|
| Preston : | Theory of Heat. |
| Saha : | Text-book of Heat. |
| Roberts : | Heat and Thermodynamics. |
| Shilling and Partington | Specific Heat of Gases. |
| Planck : | Thermodynamics. |

Optics :—

- | | |
|-----------|------------------|
| Preston : | Theory of Light. |
|-----------|------------------|

Drude :	Optics.
Wood :	Physical Optics.
Baly :	Spectroscopy.

Magnetism and Electricity :—

Pohl :	Electricity and Magnetism.
Pidduck :	Treatise on Electricity.
Jeans :	Mathematical theory of Electricity and Magnetism.
Starling :	Electricity and Magnetism.
Stoner :	Magnetism and Atomic Structure.
Abraham :	Classical Theory of Electricity and Magnetism translated by J. Dongall.

Modern Electricity :

Wilson :	Modern Physics.
Andrade :	Structure of the Atom.
Growther :	Ions, Electrons and Ionising Radiations.
J. J. Thomson	Conduction of Electricity through Gases.
Rutherford	Radiations from Radioactive substances.
Aston	Isotopes.
Sommerfeld.	Atomic Structure and Spectral lines.
Richardson	Electronic theory of Matter.
Bragg	X-Ray and Crystal Structure.
Compton	X-Ray.
De Broglie	X-Ray.

Practical Physics :—

Watson	Text-book of Practical Physics.
Worsnop and Flint	Advanced Practical Physics for students.

FACULTY OF THEOLOGY.

MATRICULATION EXAMINATION.

1343—1344 F. (1934—1935)

Text-books in English, History of India, Geography, Mathematics, and Arabic are the same as for the Faculty of Arts.
AQAD WA MANTIQ.

- (1) Al-Fiqh-al-Akbar of Imam Abu Hanifa, (in Arabic),
printed at Dairat-ul-Maarif.
(2) Mirqat by Maulana Fazl Imam (o.u.s.)

Fiqah—The following chapters from Matalq-ul-abdur published by Madrasat Nizamia, (Hyderabad Deccan).

كتاب الطهارة - كتاب الصلوة - كتاب الزكوة - كتاب الصوم
كتاب الحج - كتاب النكاح - كتاب الرضاعات - كتاب الطلاق
كتاب اليمان - كتاب الصيد والد بائع - كتاب الأضحية - كتاب
الكراء - كتاب الوقف

Hadis—Shamail-i-Tirmizi.

INTERMEDIATE EXAMINATION.

1343-1344 F. (1934-1935)

Text-books in English and Arabic languages are the same as for the Faculty of Arts.

- ### (1) FIQAH WA USUL-I-FIQAH.—

(١) شرح وقاية بحذف ابواب -

باب النكاح الرفيق والمكان - باب اللعان

كتاب العتاق كتاب المحدود

كتاب الابق كتاب السرقة

(٢) فرائض سراجی محذف مولی موالات اور مولی العتاقة

(۳) اصول شاشی

— جمعیت —

- ## (2) TAFSIR WA HADIS.

قرآن شریف کی تعلیم بطریق املاؤ اور حسب ذیل سورتیں

ژوپاں - ۲۰

سورة يقرا - سورة نساء - اذ سورة قاف تآخر

حدیث -

مشکواۃ المصایب - حسب ذیل ابواب -

(۱) از کتاب الیمان تا ختم کتاب العلم

(۲) کتاب السویر

(۳) از باب فضائل سید المرسلین تا ختم کتاب

(۴) AQAIID WA MABADIAT-I-HIKMAT.—

عقاید نفسی (مکمل)

شرح عقاید نفسی - مسئله استطاعت کے ختم تک

هدایۃ الحکمت

منظق - شمسیہ

B. A. EXAMINATION.

1343—1344 F. (1934—1935)

Text-books in English and Arabic languages are the same as for the Faculty of Arts.

FIQAH WA USUL-I-FIQAH.—

(۱) هدایۃ آخرين سے ابواب ذیل -

از کتاب الیوع تا ختم کتاب الصرف

از کتاب آداب القاضی تا ختم کتاب الشهادت

از کتاب الدعوی تا ختم کتاب الاقرار

از کتاب الغصب تا ختم کتاب الشفعة

(۲) ابشعیخ کتب القود و کتاب الرهن

TAFSIR.

(۱) یضاوی شریف (سورہ بقر)

(۲) قران مجید باستثناء ان سورتون کے جواہتھان انٹرمیڈیٹ کے
لئے مقرر کی گئی ہیں

HADIS.

ترمذی شریف کامل

KALAM.

(۱) طوال الانوار

(۲) حجۃ اللہ البالغہ (القسم الاول)

M. A. EXAMINATION.

1343—1344 F. (1934—1935)

The following books are recommended : -

- (١) کلام و عقائد
- (١) تفرقہ بین الاسلام والزندقة
 - (٢) محصل از امام رازی
 - (٣) نقد محصل از طوسی
 - (٤) شرح مقاصد کامل از علامہ تقی زانی
 - (٥) دین و دانش
 - (٦) تاریخ علم کلام
- (٢) تفسیر -
- (١) تفسیر کشا ف (منزل اول و منزل آخر)
 - (٢) بیضاوی (منزل دوم - سوم - چهارم - پنجم - ششم)
 - (٣) اعجاز القرآن لباب قلائی
 - (٤) تفسیرات احمدی
 - (٥) مقدمہ تفسیر ابن حجر
 - (٦) حدیث بن سمول سیرت
 - حدیث (١) بخاری شریف
 - (٢) جامع الترمذی
 - (٣) شرح معانی الآثار طحاوی
 - (٤) مختصر المختصر
- اصول حدیث (١) مقدمہ ابن صلاح
- (٢) رجال بخاری از مقدمہ فتح الباری
- سیرت - سیرت ابن هشام (بمحذف حصہ اشعار) معدہ روض الانف سهلی

(م) فقه و اصول فقه —

فقه —

(١) الصنائع والبدائع کے ابواب ذیل۔ کتاب الطہارۃ
کتاب الصلوۃ۔ کتاب الزکوۃ۔ کتاب الصوم۔ کتاب الحج
کتاب الوقف

(۲) بدایتہ المبتدئ۔ بحذف ابواب جو کتاب الصنائع
والبدائع میں شریک ہیں۔

(۳) مجلة الاحکام

(م) آثار السنن

اصول فقه۔ مسلم الثبوت

FACULTY OF LAW.

LL. B. EXAMINATION.

1343—1344 F. (1934—1935)

The following books are recommended :—

PREVIOUS EXAMINATION.

- | | |
|--------------|---|
| 1st Paper .. | <p>The Penal Code. (Hyderabad).</p> <p>The Criminal Procedure Code. (Hyderabad).</p> |
| 2nd | <p>The Evidence Act. (Hyderabad).</p> <p>Will's Theory and Practice of the Law of Evidence</p> <p>Mahmud's Law of Evidence.</p> |
| 3rd | <p>Underhill's Law of Torts.</p> <p>Indian Easements Act.</p> |
| 4th | <p>Anson's Law of Contract.</p> <p>The Contract Act (Hyderabad).</p> <p>Specific Relief Act. (Hyderabad).</p> |
| 5th | <p>Dicey's Constitutional Law.</p> <p>Leage's Roman Law.</p> |

FINAL EXAMINATION.

- | | |
|--------------|--|
| 1st Paper .. | <p>Usul-i-Dharam Shastar by Baijant.</p> <p>Hindu Law by J. C. Gosh, Chapters on Hindu Jurisprudence (Sources of Hindu Law, Inheritance and Joint Family, pp. 1 to 49 and 363 to 396).</p> |
|--------------|--|

2nd	..	Muhammadan Law by Amir Ali (Students' Edition.) Ghayatul-Authar—Kitabul Faraiz.
		Civil Procedure Code. (Hyderabad).
3rd	..	Law relating to Civil Courts in H.E.H. the Nizam's Dominions. Indian Limitation Act.
4th	..	The Indian Trust Act.
		Quanun Malguzari Arazi, Act No. 9 of 1817 F. Law of transfer of property.
5th	..	Salmond's Jurisprudence. Lawrence's principles of International Law.

In the first paper for the Previous Examination and in every paper for the Final Examination, 40 marks shall be allotted to questions framed with a view to test the ability of candidates to apply more important legal principles to concrete cases. Full credit shall be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases. No credit shall be given for bare answers not supported by arguments.

FACULTY OF MEDICINE.

M.B., B.S. EXAMINATION.

The following books are recommended : —

1. Gray's Anatomy.
2. Cunningham's Practical Anatomy.
3. Halliburton's Text-book of Physiology.
4. Sheaffer's Histology.
5. Sheaffer's Experimental Physiology.
6. Halliburton's Chemical Physiology.
7. Luff and Candy's Chemistry.
8. Physics.
9. Lowson's Botany Indian Edition.
10. Wells Davis' Zoology.
11. Marshall on the Frog.
12. Marshall and Hurst's Practical Zoology.
13. Ghosh's Materia Medica.
14. Taylor's Medicine.
15. Rose and Carless' Surgery.
16. Green's Pathology.
17. Green's Midwifery.
18. Muir and Ritchie's Bacteriology.
19. Husband's Medical Jurisprudence.
20. Mody's Public Health.
21. Bury's Ophthalmology (Smaller).

DIPLOMA IN EDUCATION.

PRINCIPLES OF EDUCATION & ELEMENTARY EDUCATIONAL PSYCHOLOGY.

Books recommended.

- Betts. Mind and Its Education. (Appleton)
 Gates. Psychology for Students of Education. (Macmillan)
 Klapper. Contemporary Education. (Appleton)
 Reudiger. The Principles of Education. (Harrap)
 T. P. Nunn : Education—Its data and First Principles. (Arnold)
 Dewey. How we think.
 Dewey. School and Society.
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SCHOOL MANAGEMENT AND HYGIENE.

SCHOOL MANAGEMENT.

Books recommended.

- Bray. School Organisation. (Tutorial Press)
 Wren. Indian School Organisation.
 West. Indian School Management and Inspection.

HYGIENE.

Books recommended.

- Kerr. School Hygiene.
 Ross. Hygiene for Indian Schools.
 Drummond. School Hygiene.
 Lyster. Hygiene of the school (Tutorial Press).
 Shaw. School Hygiene (Macmillan).
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HISTORY OF EDUCATIONAL IDEAS AND SELECT CLASSICS IN EDUCATION.

The scope of the work is indicated in the books mentioned below :—

- Monroe. A Text book in the History of Education. (Macmillan).
 Boyd. History of Western Education. (Black).
 Adamson. A Short History of Education. (C. U. Press).
 Graves. Great Educators of Three Centuries. (Macmillan).
 Graves. A Student's History of Education. (Macmillan).
 Quick. Educational Reformers. (Longmans.)

EDUCATIONAL CLASSICS.

Rousseau.	Emile.
Plato.	Republic.
Locke.	On Education.
Spencer.	Education.
Dewey.	Democracy and Education.

METHODS OF TEACHING.

Books recommended.

PHYSICAL SCIENCE.

Brown.	Teaching Science.
Westaway.	Science Teaching.
Smith and Hall.	Teaching of Chemistry and Physics.

BIOLOGY SCIENCE.

To be prescribed later.

HISTORY.

Klapper.	Teaching of History. Appleton.
Johnson.	Teaching of History. Macmillan.
Jarvis.	Teaching of History. C. U. Press.
Keatings.	Studies in the Teaching of History. Black.
Findlay.	History and Its Place in Education. University of London Press.
Allan.	Place of History in Education. (Blackwoods).

GEOGRAPHY.

F. L. Holtz.	The Principles and Methods of Teaching Geography.
B. C. Wallis.	The Teaching of Geography.
J. Fairgreive.	Geography in School.
Tamasker.	The Principles and Methods of Teaching Geography.
W. P. Welpton.	The Teaching of Geography.
J. Fairgreive.	Class-book of Practical Geography.
Steers.	Maps and Map-making.
B. C. Wallis.	Essentials of Practical Geography.

MATHEMATICS.

Monteith.	Arithmetic Teaching in the infant and Junior Schools. Harrap.
Young.	Teaching of Mathematics.
Schultze.	The Teaching of Mathematics in the Secondary School.

ENGLISH.

Mackenzie.	Instruction in Indian Secondary Schools. Oxford Press.
Jesperson	How to teach a Foreign Language. Allen.
Findlay.	Modern Language Learning. Gregg.
Batcheldor.	Notes on the Teaching of English. (Macmillan)
Roberts and Barter.	The Teaching of English. (Blackie).
Carpenter.	The Teaching of English. (Longmans).
Ida Ward.	The Phonetics of English. Heffer.
Kitson.	Theory and Practice of Modern Language. O. U. P.

VERNACULARS & CLASSICAL LANGUAGES.

Urdu, Marathi, Telugu, Canarese, and Indian Classical Languages.

The books on the teaching of English indicate the ground to be covered.

MODERN EDUCATIONAL SYSTEMS AND PROBLEMS.

Books recommended.

P. Sandiford.	Comparative Education. (Dent).
P. Monroe.	Articles in the Cyclopaedia of Education. (Macmillan).
Dr. Ziauddin.	Systems of Education. (Longmans).
F. C. J. Hearn	Educational Advancement Abroad. shaw. (Harrap).
A. P. Newton.	Universities of the Empire. (Collins & Sons).
F. W. Roman.	The New Education in Europe (Routledge) (Macmillan).
C. F. Thwing.	Universities of the World. (Macmillan).
Meyhew.	Education of India. (Macmillan).

ADVANCED EDUCATIONAL PSYCHOLOGY.

Books recommended.

Ellis.	Psychology of Individual Differences (Appleton) pp. 74 to 128.
Spearman.	Abilities of Man.
Terman.	Measurement of Intelligence.
Psychological Tests of Educable Capacity.	
Report Consultative Committee.	
Sandiford.	Educational Psychology,

- Fox. Educational Psychology.
Starch. Educational Psychology.
Rugg. Statistical Methods in Education.
Holzinger. Statistical Methods in Education. (Ginn)
Freeman. Experimental Education.
Valentine. Experimental Psychology & Education. (Tutor-
ial Press).
Fox. Practical Psychology.

CHILD EDUCATION.

Books recommended.

- Kirkpatrick. Fundamentals of Child Study.
Plaisted. The Early Education of Children.
Picket & Boren. Early childhood Education.
Waddle. Introduction to Child Psychology (Harrap)
L. M. Terman. The Intelligence of School Children. (Harrap)
Drummond. The Child. His Nature and Nurture.

19. APPENDIX.

DETAILED SYLLABUSES.

MATRICULATION EXAMINATION.

1. Elementary Mathematics (Compulsory).

Class VIII, Class IX, and Class X.

- (a) *Arithmetic.* The four rules applied to integers, vulgar fractions, the decimal fractions in particular. Indian and English money, weights, measures of length, area, volume, capacity and time; the metric system. Approximations. Contracted methods of multiplication of decimals. Simple forms or recurring decimals. Ratio and proportion and exchange. Percentage and its applications. Profit and loss. Simple Interest, and Compound Interest (direct problems only, number of periods for calculation not to exceed 2). Averages, Square root.
- (b) *Mensuration.* Elementary Mensuration of plane rectilinear figures (a knowledge of the use of field book not required); circles, surfaces and volumes of rectangular solids, right circular cylinder and cone (Frusta excluded); sphere.
- (c) *Algebra.* Algebraic quantities and extension of four fundamental rules to them formal proofs not required. Symbolic expression of the general results of Arithmetic. Calculation of the numerical values of expressions and formulæ by substitution. Simple factors and formulæ.

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$a^2 - b^2 = (a+b)(a-b)$$

$$(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$$

$$a^3 + b^3 = (a+b)(ab+b^2)$$

Simple fractions with linear denominators. Linear equations involving one or two variables and problems relating thereto. Plotting statistics; linear graphs.

- (d) *Practical Geometry:*—Bisection of straight lines and angles, drawing perpendicular and parallels to a given straight line; construction of an angle equal to a given angle. Experimental deduction of the elementary properties of triangles and parallelograms. Simple cases of construction of triangles and quadri-laterals from given data. Elementary properties of the circle—areas, chords, sectors and tangents, construction for finding the centre of a circle or an arc of a given circle. Construction of tangents to a circle and common tangents to two circles. Very simple cases of construction of circles from given data. Construction of a circle in or about a triangle. Division of a straight line into any number of equal parts or into parts in a given proportion.

(2) COMPULSORY SCIENCE.

Physics and Chemistry.(i) *Physics.*

- (a) *Preliminary* :—Units, British and Metric, for measurements of length, area and volume. Measurement of time, unit of time. Rectilinear translation of a rigid body : definition of velocity and acceleration. Laws of motion. Definition of momentum and force. Gravitation. Weight, Distinction between mass and weight. British and C. G. S. units of mass and force. The balance. General properties of matter. Density and specific gravity. Simple machines in equilibrium ; levers, the single pulley. Properties of fluids. Liquid pressure. Principle of Archimedes. Pressure of the atmosphere. Boyle's Law. Barometer (Cistern) and pumps (simple forms of air pump and water pump). The siphon.
- (b) *Heat* :—Effects of heat. expansion of solids, liquids and gases. Temperature. Thermometers. The expansion of water. Distinction between quantity of heat and temperature. Calorimetry. Melting point. Cold produced by evaporation. Vapour pressure. Influence of pressure on boiling point of liquids. Transmission of heat - conduction, convection and radiation.
- (c) *Light* :—Rectilinear propagation of light. Reflection and refraction of light; refractive index. The formation of images by reflection. Graphic methods of determining the position and size of an image formed by reflection or refraction (applicable to plane and spherical surfaces). Deviation and dispersion produced by a prism (omit minimum deviation). Simple optical instruments : astronomical telescope, microscope, photographic camera and magic lantern.
- (d) *Magnetism* :—Magnets and magnetic substances. Induction, methods of magnetization, Terrestrial magnetism. Declination and its determination.
- (e) *Electricity* :—(1) Static electricity : -Electrification by friction. Pith-ball electroscope. Conductors and non-conductors. (2) Voltaic Electricity : -Production of electric current. Voltaic cell. Local action and polarization. Daniell, Leclanche and Bichromate cells. Galvanoscope, Electrolysis (omit Faraday's Laws), Voltmeter (water). Electromagnets. Electric bell. Heating effects of the current (omit Joule's law).

(ii) *Chemistry.*

Elements, compounds and mixtures. Solutions (in water only); decantation, filtration, evaporation and distillation; saturated solution, crystallization and water of crystallization; sublimation and precipitation. The use of these processes in the preparation of pure substances. Examples of physical and chemical changes. Combination and decomposition. The study of air—its composition, burning and rusting. Acids, bases, and salts; neutralization. Types of chemical changes. Metals and non-metals. The law of constant proportion. Preparation and properties of oxygen. Preparation and properties of hydrogen; oxidation and reduction. Study of water: natural waters, hard and soft waters, purification of drinking water, electrolysis of water. Preparation and properties of nitrogen, nitric acid and ammonia. Carbon. Preparation and properties of carbon dioxide. Combustion; structure of a candle flame. Sulphur and its properties. Preparation and properties of hydrogen sulphide, sulphur di-oxide and sulphur tri-oxide. Preparation and properties of sulphuric acid. Phosphorus and its properties. Matches. Natural forms of silica; glass. Preparation and properties of Chlorine and of hydrochloric acid. Sodium, its occurrence and properties. Properties of sodium hydroxide, sodium chloride, sodium nitrate, sodium sulphate, sodium bicarbonate.

Potassium, its occurrence and properties. Properties of potassium hydroxide, potassium chloride, potassium chlorate and potassium nitrate. Preparation of soap.

Calcium carbonate; preparation and properties of calcium oxide and calcium hydroxide. Elementary ideas about lime, mortar, cement and bleaching powder.

Properties of Magnesium, magnesium sulphate and magnesium oxide. Copper, its occurrence and properties; preparation of copper sulphate.

Aluminium, its occurrence and properties; preparation and properties of aluminium sulphate and alum.

Mercury, its occurrence and properties. Properties of mercuric oxide, mercurous chloride and mercuric chloride. Lead its occurrence, and properties. Properties of litharge, red lead and white lead.

Silver, its occurrence and properties, Preparation and properties of silver chloride and silver nitrate. Uses of silver salts in electroplating and photography.

Iron, its occurrence, properties and uses. Properties and uses of cast iron and steel. Preparation and properties of ferrous oxide, ferric oxide, magnetic oxide of iron and ferrous sulphate.

3. GEOGRAPHY.

General Geography of the World in outline, with special reference to the British Empire, together with India in fuller detail and the essentials of Physical Geography ; Surface of the Earth : Volcanoes and Earthquakes, the Zones, Latitude and Longitude, Day and Night ; the seasons ; the Solar System : Phases of the Moon ; Waves, Tides and Currents.

4. ALGEBRA AND GEOMETRY (OPTIONAL).

- (a) *Algebra* :—Generalised Arithmetic. Algebraical laws and principles and their applications. Factors and Formulae. Identities. Functional notation. Remainder Theorem and its applications. Linear equations in one, two, and three variables. Solution of Quadratic Equation in one variable. Solution of problems by means of such equations. H.C.F., L.C.M., fractions. Square root of simple rational integral functions. Theory of indices. Graphs of linear and quadratic fractions, in one variable and their applications to the solution of equations and problems.
- (b) *Geometry* :—The course in Geometry will be both practical and theoretical. Practical geometry will include constructions given in Schedule 'A' together with easy extensions of them. Proofs of constructions will also be required. Theoretical Geometry will include theorems together with easy deductions from them. Any proof of a proposition which appears to form part of a systematic treatment of the subject will be accepted. In the proof of theorems hypothetical constructions will be allowed. Symbols and Algebraic notation may be freely used.

SCHEDULE "A"

Bisection of straight lines and angles.

Construction of (1) perpendiculars. (2) parallels to straight lines.

Construction of angle equal to a given angle.

Simple cases of the construction of triangles and quadrilaterals from given data.

Division of straight lines into a given number of equal parts, or in any given ratio.

Construction of a rectangle equal in area to a given triangle.

Construction of a triangle equal in area to a given rectilinear figure.

Simple cases of the construction of circles from given data.

Construction of tangents to a circle and common tangents to two circles.

Construction of a square equal in area to a rectangle and geometrical extraction of square roots of rational numbers.

Construction of regular figures of 3, 4, 6, or 8 sides, (1) in or about a given circle and (2) on a given straight line.

- Construction of (1) a fourth proportional to three given straight lines, (2) a mean proportional to two given straight lines.

SCHEDULE "B"

Angles at a point.—If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles ; and the converse.

If two straight lines intersect, the vertically opposite angles are equal.

Parallel Straight Lines.—When a straight line cuts two other straight lines, if (1) a pair of alternate angles are equal, or (2) a pair of corresponding angles are equal, or (3) a pair of the interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel and the converse.

Triangles and Rectilinear Figures.

The sum of the angles of a triangle is equal to two right angles

If the sides of a convex polygon are produced in order, the sum of the exterior angles so formed is equal to four right angles.

Two triangles are congruent.

(1) If two sides of the one are equal to two sides of the other, each to each, and also the angles contained by those sides equal.

(2) If two angles of the one are equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other.

If two sides of a triangle are equal, the angles opposite to these sides are equal ; and the converse.

Two triangles are congruent if the three sides of the one are equal to the three sides of the other, each to each.

Two right-angled triangles are congruent, if their hypotenuses are equal and one side of the one is equal to one side of the other.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it ; and the converse.

The opposite sides and angles of a parallelogram are equal, each diagonal bisects the parallelogram and the diagonals bisect each other.

If the intercepts made by three or more parallel straight lines on any straight line that cuts them are equal then the corresponding intercepts upon any other straight line that cuts them are also equal.

Areas.

Parallelograms on the same base or on equal bases and of the same altitude are equal in area.

Triangles on the same base or on equal bases and of the same altitude are equal in area.

Equal triangles on the same base or on equal bases are of the same altitude.

The square on a side of a triangle is greater than, equal to or less than the sum of the squares on the other two sides according as the angle contained by these sides is obtuse, right or acute. The difference in the cases of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not a diameter is at right angles to the chord ; and the converse.

In equal circles (or in the same circle) : -

(1) If two arcs subtend equal angles at the centre, they are equal and the converse.

(2) If two chords are equal, they cut off equal arcs ; and the converse.

Equal chords of a circle are equidistant from the centre ; and the converse.

The tangent at any point of a circle and the radius through that point are perpendicular to one another.

If two circles touch each other, the point of contact lies on the straight line through their centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal, and if the line joining two points subtends equal angles at two other points on the same side of it, the four points lie on the circumference of a circle.

The angle in a segment is greater than, equal to or less than a right angle according as the segment is less than, equal to or greater than a semicircle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touches a circle and from the point of contact a chord is drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect each other either inside or outside the circle, the rectangle contained by the segments of the one is equal to the rectangle contained by the segments of the other.

Loci.—The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The locus of the vertices of all triangles which have the same base and their vertical angles equal to a given angle is the arc of a segment of a circle.

Proportion :—Similar Triangles :—(Proofs applicable only to commensurable quantities will be accepted).

If a straight line is drawn parallel to one side of a triangle, the other two sides are divided proportionally ; and the converse.

If two triangles are equiangular their corresponding sides are proportional and the converse.

If two triangles have one angle of the one equal to one angle of the other, and the sides about these angles proportional, the triangles are similar.

The internal bisector of an angle of triangle divides the opposite sides internally in the ratio of the sides containing the angle, and likewise the external bisector externally.

(5) DRAWING.

CLASS VIII.

1st Term.

1. Drawing from flat (Free Hand).
2. Geometrical Drawing.
3. Memory Drawing.

2nd Term.

Model Drawing.

Books recommended :—

1. The teaching of Drawing by I. H. Morris.
2. Geometry by I. H. Morris Problems 1 to 100.

CLASS IX.*1st Term.*

1. Free-hand and Model Drawing, (alternate lessons) in more developed forms than the class VIII Standard.

2. Geometrical Drawing.

2nd Term.

Follage from nature flat Tinting.

Books recommended.

1. Same as for Class VIII.
2. Same as for Class VIII Problems 100 to 200.

CLASS X.*1st Term.*

1. Free-hand Drawing in more developed forms than the Standard of Class IX.

2. Geometrical Drawing and Mechanical Measurement.

2nd Term.

Summing up and revision of subjects taught in the last term and in terms of Class VIII and IX.

Books recommended.

1. The teaching of Drawing by I. H. Morris.
2. I. H. Morris Book of Geometry 200-223 problems.

(6) MANUAL TRAINING WOOD-WORK.**CLASS VIII.**

(a) Scientific Principles.

(Educational advantages of Manual Training. Principles of Projection.)

(b) Practical Principles.

By demonstration (saws and sawing planes and planning etc.).

(c) Practical work.—(A round ruler. A penholder. A hat rack. Key-board. A toilet box. A picture frame etc.).

CLASS IX.

(a) *Scientific Principles.*

Growth and parts of growing tree. Germination, roots and leaves, their development and food supply. Seasoning timber. Shrinkage of timber. Chemical structure of wood and products formed by chemical changes, etc.

(b) *Practical Principles.*

(Miscellaneous Tools, Grind stone and grinding. Notes on various tools).

(c) *Practical work.*

Levelling Rule. A simple Ink Stand. A letter rack. A towen roller. A Book-shelf (Key joint) (A tea tray etc.)

CLASS X.

(a) *Scientific Principles.*

1. Science in Manual Training. Matter measurement. Metric system. Density. Specific gravity. Force and Work. Mechanical devices, levers etc.
2. Geography in Manual Training, trees, characteristics of various parts, Forestry and the Manual Training Lesson. Climate, rainfall, rivers, coast line of Europe, forest area of Asia Europe and America particularly forests of India and Burma. Lessons on principle trees and important timbers.

(c) *Practical Work.*

(A Stool, Teapoy. A Drawing Board (Tongue and groove joint). A tea square. A book rest. A Common box with lid. A box for sporks, spoons and knives (Drawer dove-tail joint a photo stand. A stationery cabinet etc.)

Free-hand sketches of the new tools introduced at each stage and models attempted, with dimentioned scale, drawings showing orthographic projections. Latterly occasional oblique drawings should also be attempted.

- NOTE :—
1. This syllabus is for educational wood-work as an optional course. If this be compulsory for all sections, (a) scientific principles in the third year may be dropped.
 2. The Class for educational wood-work should meet three times a week for one and a half hour each day, The Class for Drawing should meet as usual at least twice a week for an hour each time in addition.

3. It is advisable to have a practical examination at the end of each year besides an examination in Drawing, a satisfactory standard attained there in being a necessary condition for the Matric Certificate.
4. The active co-operation of Science and Geography teachers should be enlisted so far as Science and Geography portions of the third year's course are concerned.

BOOKS FOR REFERENCE

1. The Principles of Educational wood-work by Benns & Masdon.
2. The Principles of Educational wood work by W.A. Milton (Blackie).
3. Manual Instruction wood work by Pearson.
4. Sloyd —Three Upper Grammar grades by G. Larsson (Boston Manual Training School).

6. PHYSICAL TRAINING.

1. Exercises of the Body : -

Marching and running exercises, short distance and long distance running practice. Relay races and Cross Country races. Racing and running exercises with increased standards.

Posture Exercises : -

Body exercises with thorough working out of the whole body. Corrective exercises. Light body bending. Body turning. Leaning rest exercises. In step exercises. Balanceing and breathing exercises.

2. Performance activities : -

Jumps of all kinds. Shot Putting. Pole vault. Hurdle races etc.

3. Exercises for strength, courage and skill on apparatus. Horizontal bar. Rotation and knee grind from swinging to hanging position. Sitting rotation. Putting knees up to bar and turning around. Vaults. Struddling from stand and hanging position.

Parallel Bar :—Vaults. Rolling from straddle to straddle, shoulder stand from sitting position. Lying position, arm bending and stretching. Hand-stand.

4. Floor Exercises :—Tumbling and wrestling. Boxing.

(5) *Games* :—Team games such as Hand-football, Freedodge ball and indigenous games such as "Bul-chie" and "Loan-pat". "Gill Danda". Track ball, Hand ball, Foot-ball and Hockey.

INTERMEDIATE EXAMINATION.

SOCIOLOGY.

Introductory :

Subject matter of the Science, its definition and interdependent relations with the Social Sciences. The meaning of Sociology. Its sub-divisions. The method of Sociology. The advantages of studying Sociology.

History :

A brief survey of the development of Sociology. Social Philosophy.

The Structure of the Society :

Various conceptions of, and different kinds of Society. The meaning of Society.

The Basis of Society :

Family. Groups, Nationalities, Social Populations. Theory of Population. Over-population and under population.

The Nature of the Society :

Human Nature. The Individual and the Group Mind.

Social Processes :

Individual social processes (Influenced by factors like Climate, Resources, Environment, Occupation, etc.).

Socialization :

Imitation. Compulsion. Sympathy. Interest and Antagonism. Adaptation.

Individualization :

Differentiation. Opposition. Class struggle. Commercialization. Professionalization.

Social Conflict :

Conflict of interest. Exploitation.

Social Reconstruction :

Social Interactions. Crossfertilization of Culture.

APPLIED SOCIOLOGY.

Introductory :

General Sociology and Applied Sociology. The meaning and Scope of Applied Sociology. Its relations to State, Economics, and Ethics. Justification of Applied Sociology.

Wealth and Welfare :

The Meaning of Wealth and Welfare. Criterion of Welfare. Theories of Welfare (Bentham, Mill, Pigou).

Poverty and Pauperism :

Causes of Poverty. Its immediate remedies. Extent of Poverty. The Poverty Problem.

Vice and Crime :

Economical and Social Causes of Vice and Crime. Remedies of Vice and Crime.

Social Pathology :

Social decadence. Degeneration. Intemperance. The Abnormal.

Social Reform :

Principles of Social Reform.

*Logic.**Deductive Logic.*1. *Problem of Logic.*

Definition and scope.
Relation of Logic to other sciences.
Logic as material and formal.

2. *Thought.*

Essential nature and its forms.
Laws of thought as psychological and logical.
Judgment and proposition.

3. *Concept.*

Its relation to Judgment.
Concept and name.
Name of term.
Kinds of terms.
Nomenclature of Predicables.

4. *Propositions.*

Its classification.
Distribution of terms in a proposition.
Opposition of Propositions.
Immediate Inference.

5. *Mediate Inferences and their Varieties.*

Syllogism, its nature and its constituent parts.

Rules of syllogism.

Figure and mood.

Determination of valid moods and their different methods.

5. *Fallacies.*

Their classifications.

The nature of each fallacy.

INDUCTIVE LOGIC.

1. *The Problem of Induction.*

Inductive process and its different forms.

Assumptions of Induction.

Laws of Causality and Uniformity of Nature.

2. *Preliminaries of Induction.*

Observation and Experiment.

Methods of Induction.

3. *Scientific and Imperfect Induction.*

Induction by Analogy, its nature and value.

4. *Hypothesis.*

Its formation and use.

Conditions of Legitimate Hypothesis.

Explanation of Deduction and Induction and their connection.

5. *Fallacies.*

Varieties of Inductive fallacies.

The nature of each Variety.

BOOKS TO BE CONSULTED.

Stout.—Groundwork of Logic.

Jevons.—Elementary lessons in Logic.

Minto.—Logic.

Carveth Read.—Logic-Deductive and Inductive.

Fowler.—Inductive Logic.

Jevons.—Studies in Deductive Logic.

PSYCHOLOGY.

- I. The Problems and methods of Psychology.
- II. The Psychophysical organism and the Nervous System.
- III. Mind, Neural action and habit.
- IV. Attention, Discrimination and Association.
- V. Sensation :—
 1. Visual.
 2. Auditory.
 3. Cutaneous.
 4. Taste.
 5. Smell.
- VI. Perception.
- VII. Perception of Space and Time.
- VIII. Imagination.
- IX. Memory.
- X. Conception and Reasoning.
- XI. Feelings.
- XII. Reflex Action and Instinct.
- XIII. The Nature of Emotions.
- XIV. Elementary Features of Volition.
- XV. Character and Will.
- XVI. The self.

PHYSICS.

Dynamics.—The units of length and time. Displacements speed, velocity, and uniform acceleration of particle moving in a straight line. Momentum. Newton's Laws of motion; the units of mass and force. Hick's ballistic balance. Motion of a particle in a straight line under the action of a force in that line and in a vertical plane under the action of gravity. Energy, work, power, and their units; simple illustrations of the conservations of energy from Dynamics.

Conditions of equilibrium of a body under three con-current forces (the parallelogram and triangle of forces). and under parallel forces. Centre of gravity. Simple machines. The balance and its sensibility.

The motion of a simple pendulum (studied experimentally), deductions from the formula for the time of oscillation of a simple pendulum.

General properties of matter.—Extension, inertia, gravitation, divisibility, porosity, elasticity, cohesion, ductility, malleability, brittleness ; plasticity, viscosity. The three states of matter. Changes of state produced by heating and cooling.

Elasticity.—Its definition. Distinction between solids and fluids owing to difference in elasticity.

Hydrostatics.—Pressure at a point in a fluid ; definition and illustration ; transmissibility of pressure. Evaluation of pressure at a point in a heavy fluid at rest ; its uniformity in all directions. Resultant thrust in simple cases. The principle of Archimedes, floating bodies, hydrometers. Applications to practical determination of density and specific gravity. The pressure of a gas and its determination ; the barometer and its use in the measurement of atmospheric pressure. Boyle's Law, air pumps and water pumps.

Heat :—Temperature and its measurements ; the construction and graduation of thermometers. The thermal expansion of solids, liquids and gases and their accurate determination ; the air thermometer. Heat as a quantity ; the unit of heat, specific heat and the more direct methods of calorimetry. Laws of fusion, evaporation and ebullition ; latent heat. Vapour pressure and how it is measured. Saturated and unsaturated vapours. Conduction and convection of heat ; definition of thermal conductivity. Radiation ; absorption and reflection ; Law of cooling. The dynamical equivalent of heat ; the conservation of energy.

Light :—The rectilinear propagation of light, formation of shadows, images in pin-hole camera. The experimental facts and laws of reflection and refraction of light ; simple geometrical deduction from these, applicable to small direct pencils incident on plane and spherical surfaces. The eye and ordinary defects of vision. Magnifying power. Applications to thin lenses. The telescope and the microscope. The dispersion of light ; the spectroscope. Radiation and absorption of spectra. Critical angle and total internal reflection. Determination of refractive indices.

Magnetism :—Properties of magnets ; poles, laws of magnetic force, unit poles, lines of force ; uniform magnetic fields and experimental methods of comparing them. The magnetic moment of a magnet. Comparison of magnetic moments. The earth's magnetic field ; the compass. Magnetic induction. The magnetic properties of iron and steel.

Electricity :—Electrified bodies ; electric quantity. Conductors and insulators. Distribution of electricity on conductors. Induction. Laws of force between two small charged spherical

conductors. Line of electrostatic force, the electric field. Electric force and electric potential. Difference of potential. Electric condensers and capacity. Dielectric constant.

The more common forms of voltaic cells and the actions that go on in the cells while producing a current. Polarization of cells and methods of preventing it. The action of currents on magnets; galvanometers depending on such action, including suspended coil type. Metallic (Linear) conductors and electrolytes; laws of electrolysis. Electromotive force, Ohm's Law; resistance and the simpler methods of determining it. Measurement of current and comparison of Electro Motive Forces. Distribution of energy in circuit by current and heating effects. Electro-magnets.

Sound :—Simple vibratory motion. The production and propagation of sound; the velocity of sound in air, and its determination of sound; the velocity of air and its determination. Nature of wave motion and sound waves. Frequency of vibration, pitch. Amplitude of vibration; loudness. Laws of vibration of strings and air columns, Interference of sound waves and beats.

PRACTICAL PHYSICS.

Length measurements by millimetre scale, vernier micrometer gauge and spherometer.

Determination of areas and volumes by measurement of linear dimensions.

Verification of conditions of equilibrium of a body under coplaner forces.

Determination of the centre of gravity of a plate.

Verification of the law of a simple pendulum; determination of g.

The inclined plane; system of pulleys.

Use of balance, sensitive to .01 gram.

Determination of volumes by weighing water; determination of capacities of vessels.

Specific gravities of solids and liquids; use of hydrometer.

Determination of atmospheric pressure by taking reading of Fortin's Barometer and correcting for temperature.

Verification of Boyle's Law.

Determination of fixed points of thermometer.

Determination of co-efficient of expansion of a rod.

- Determination of co-efficient of apparent expansion of a liquid.
 Expansion of air at constant pressure.
 Co-efficient of increase of pressure of air with temperature at constant volume.
 Curves of cooling ; melting points.
 Determination of specific heats of solids and liquids.
 Latent heat of water and steam.
 Determination of vapour pressure ; boiling points.
 Determination of the dew point by Regnault's and wet and dry bulb-hygrometers.
 Comparison of thermal conductivities.
 Radiation of heat from different surfaces.
 Verification of the Laws of reflection of light.
 Tracing the path of a ray of light through a block of glass and deduction of refractive index.
 Focal length of concave and convex mirrors.
 Focal lengths of convex and concave lenses.
 Measurement of the refractive index of a liquid by measuring its apparent depth.
 Measurement by spectrometer of the angle of a prism and the refractive index for sodium light.
 Comparison of illuminating powers of different sources of light by the shadow and the grease spot photo-meters.
 Tracing the lines of force in a magnetic field by iron filings and also by means of a small compass.
 Comparison of magnetic moments.
 Comparison of strength of magnetic field by the method of vibration.
 Study of the simple cell, the Daniel and Leclanche cells ;
 Absolute measurement of current (*i*) by tangent galvanometer (*ii*) by electrolysis.
 Measurement of heat developed by current.
 Measurement of resistance of wires.
 Comparison of electromotive forces ; the potentiometer.
 Comparison of frequencies of tuning forks.
 Verification of laws of transverse vibration of strings.
 Determination of velocity of sound by resonance of air columns.

CHEMISTRY.

Theoretical.

Inorganic. -

Elementary and compound substances, mixtures, solution, chemical action, the laws of multiple and definite proportions, determination of equivalent weights. Dalton's Atomic Theory. atomic weights. Combination of gases by volume. Avogadro's

Hypothesis. Vapour density, determination of molecular weights, Valency, relation between equivalent and atomic weights.

Boyle's Law, Charles' Law, Vapour Pressure, Diffusion.

Chemical symbols, formulae and equations, calculations of an easy nature.

Combustion and the structure of flame.

Oxidation and Reduction.

Catalysis.

Elementary ideas as to the nature of dissociation in gases and liquids, Ionic Theory treated in an elementary way.

Outlines of the Periodic Law.

The chief physical and chemical characters, preparation and properties of the following elements and compounds with as far as possible proofs of the composition of the compounds :--

Hydrogen, water, hydrogen peroxide, oxygen, ozone.

Nitrogen, the atmosphere, ammonia, nitric acid and nitrates, nitrous acid and nitrites, the oxides of nitrogen, carbon, marsh gas, ethylene, acetylene, carbon dioxide, carbon monoxide, coal gas ; chlorine, hydrochloric acid, chlorides, oxides and oxyacids of chlorine, bleaching powder, bromine, iodine, and their hydrides.

Sulphur, sulphuretted hydrogen, and sulphide, oxides of sulphur, sulphuric acid and the sulphates, sulphurous acid and the sulphites, thiosulphates.

Phosphorus, phosphuretted hydrogen, oxides of phosphorus, acids phosphoric.

Boric acid, silicon, silica, silicates, glass, arsenic, hydride and oxides of arsenic.

A brief description of the following metals, important technical methods of their preparation, their applications, chief compounds, uses and tests :--

Sodium, Potassium, Ammonium radical, Calcium Magnesium Zinc, Copper, Lead, Mercury, Aluminium, Silver, Tin and Iron
Organic.

Systematic study of the modes of occurrence, preparation general properties and constitutional formulae of the following :--

Methane, Ethane and their derivatives, viz. haloid compounds, alcohols, ethers, aldehydes, ketones, monobasic acids, oxalic, succinic, tartaric and citric acids. Ethylene acetylene, amines, glycine, cane sugar, dextrose, levulose, starch, glycerol. Fats and vegetable oils, soaps, urea and uric acid, benzene, its chief derivatives. viz. nitro and amino compounds. Phenol, benzaldehyde, benzoic acid, salicylic acid.

Practical.

Students are expected to do the following experimental work. An account of each experiment must be written by the student

in a special note-book and regularly initialled by the Demonstrator or the Professor-in-charge. These note-books shall have to be submitted to the Examiner at the time of the University Examination.

- (1) Fitting up of simple apparatus.
- (2) Simple chemical manipulations, such as filtration, distillation, decantation, crystallization, etc.
- (3) Use of the chemical balance.
- (4) Investigation of common materials, such as salt, lime-stone, alum, blue vitriol, etc.
- (5) Preparation and properties of the following :—
Hydrogen, Oxygen, Nitrogen, Chlorine, Hydrogen Chloride, Carbon Dioxide, Carbon Monoxide, Nitrous Oxide, Ammonia.
- (6) Determination of the water of crystallization.
- (7) Determination of equivalent weights of simple elements.
- (8) Preparation of simple salts.
- (9) Effect of heat on single substances and mixtures.
- (10) Qualitative analysis of single salts.
- (11) Simple exercises in volumetric analysis, comprising,
(a) Alkalimetry and acidimetry (b) Estimation of ferrous iron and oxalic acid by means of permanganate (c) Estimation of chlorine ions by means of silver nitrate solution.

BIOLOGY.

Zoology.

The fundamental facts and laws of Biology.

Distinction between animals and plants.

Differentiation of structure, modification and division and function of the cell.

The elements of animal physiology.

The fundamental facts of heredity, variation, environment, adaptation and evolution.

A general description and distinctive characteristic and life-history of the following:—

Amœba, Paramœcium, Vorticella, Hydra, Earth-worm, Mosquito, Cockroach, Frog. external features, dissection, digestive, circulatory, lymphatic, respiratory, skeletal, muscular, nervous systems and development of frog.

General characters of Aves.

General characters of Mammals.

Botany :—

The distinguishing features of living and non-living bodies.

The description and the minute structure of a vegetable cell.

Chemical and physical properties of protoplasm, direct and indirect division of a cell.

Description of the microscopic and microscopic appearance of root, stem and leaf.

General description of flower, inflorescence and branching, fruit, seed and dispersal of seeds of the types studied.

Transpiration, respiration and absorption in plants.

Reproduction in plants.

Elements of classification.

Description and practical knowledge of the structure, function and life-history of Yeast, Mucor, Spirogyra Fern, Cycas, Maize and Sunflower.

N. B.—Students are expected to keep a record of all practical work in a special Laboratory Note-book which will be liable to Examination by the University Examiners. The laboratory Instructors should sign the result of each day's practical work.

MATHEMATICS.

1. *Geometry.*

Algebra.—

Ratio, proportion and variation.

Progressions, including the summation of squares and cubes of natural numbers.

Surds and elementary properties of imaginary quantities including the cube roots of unity.

Solution and theory of quadratic Equations. Quadratic Expressions. Easy Equations solvable as quadratics, including easy simultaneous quadratic equations.

Permutations and Combinations (easy treatments.)

Binomial Theories for positive integral index. Statement and application of the Binomial Theorem for negative and fractional indicies, with elementary notions of convergence. Logarithms of numbers.

Trigonometry.

Sexagesimal and circular units of angular measurement.

Trigonometrical ratios of any angle and simple relations connecting them.

Periods and graphs of trigonometrical functions. Graphical solution of simple trigonometrical equations.

Addition and subtraction formulae. Logarithms of trigonometrical ratios and the use of trigonometrical tables. Properties and solution of triangles with the use of tables. Simple cases of heights and distances in two and three dimensions.

Radii of circumscribed, inscribed and escribed circles of a triangle.

Inverse circular functions (principal value).

Geometry.—Plane.—

The feet of the perpendiculars on the sides of a triangle from any point on the circumcircle are collinear.

The existence and simpler properties of the nine points circle.

If ABC be a triangle and AD a median,

$$AB^2 + AC^2 = 2(BD^2 - AD^2).$$

If ABC be a triangle and AD the bisector of angle A,

$$AB \cdot XAC = BD \cdot DC + AD^2.$$

If ABC be a triangle and AD the perpendicular from A on base and AE the diameter of the circumcircle, then.

$$AB \cdot AC + AD \cdot AE.$$

If ABC be a quadrilateral inscribed in a circle, $AC \cdot BD - AB \cdot CD = BC \cdot AD$.

If two rectilinear figures are similar, they can be so placed that the lines joining their corresponding verticies are concurrent.

If two rectilinear figures are similar their corresponding sides and diagonals are proportional and their areas are proportional to the squares of corresponding sides.

Every straight line which passes through the extremities of two parallel radii of two fixed circles passes through one or other of two fixed points.

If A, B, C, D be four points taken in order on a straight line,

$$AB \cdot CD + BC \cdot AD + CA \cdot BD = 0$$

Simple properties of cross ratios and harmonic section.

If a straight line be drawn from a given point to cut a given circle, the intersection of the tangents at the two points of section always lies on a fixed straight line.

If the polar of A passes through B, then the polar of B passes through A.

Determination of the locus of points from which the tangents drawn to two given circles are equal.

The radial axis of three circles taken in pairs are concurrent.
Construction of the radial axis of two given circles.

To draw a circle to touch a given circle (O), and also to touch a given straight line PQ at a given point A .

To draw a circle to pass through two given points A & B and to touch two given straight lines AB , AC .

Ceva and Menelaus' theorems about concurrency and collinearity, with simple applications.

Elementary maxima and minima (geometrical treatment).

Geometry.—Solid.

Elementary properties of lines and planes.

Solid figures. Regular polyhedra.

Surfaces and volumes of parallelopipeds, prisms, pyramids, cylinders, cones and spheres.

Geometrical Conics.—

Tracing of Parabola, Eclipse and Hyperbola from the definition.

Simple common properties of the conic sections :—

If a straight line cut a conic, whose focus is S , in points P and P' and the directrix in D , then SD will be equally inclined to SP and SP' .

The portion of a tangent to a conic intercepted between its point of contact and a directrix, subtends a right angle at a corresponding focus.

Tangents at the extremities of a focal chord of a conic intersect on the corresponding directrix.

If from any point T on the tangent at a point P of a conic TH be drawn perpendicular to the directrix and TK perpendicular to the focal distance SP then the ratio $SK : TH$ will be equal to the eccentricity.

To draw tangents to a conic from an external point.

The normal at P to a conic meets the transverse axis in G , then $SCe \cdot SP$.

Parabola.—

Latus rectum is four times the focal distance.

$PN = 4 AS \cdot AN$.

The tangent bisects the angle between the focal distance and the perpendicular on the directrix.

The tangents at the extremities of a focal chord intersect at right angles on the directrix.

The substangent is bisected at the vertex.

The subnormal is equal to half the latus rectum.

The locus of the foot of the perpendicular from the focus on any tangent is the tangent at the vertex.

The locus of the middle points of parallel chords is a straight line, parallel to the axis, passing through the point of contact of the tangent parallel to the chords.

Ellipse.—

$$\text{CS.CX}^2 - \text{CA}^2$$

$$\text{PN}^2 - \text{CB}^2$$

$$\text{AN.}^2 \text{ A'N.} - \text{CA}^2$$

$$\text{CR}^2 - \text{SA. SAR.}^1$$

$$\text{SP+S'P} - \text{AA}^1.$$

The curve is symmetrical with regard to the minor axis and has a second focus and a corresponding directrix.

The locus of middle points of parallel chords is a straight line passing through the centre and the points of contact of tangents parallel to these chord

The tangent at any point makes equal angles with the focal distance of the point.

The locus of the feet of the perpendiculars from the foci on any tangent is the auxiliary circle.

*Note.—*Proofs with the help of projection will be accepted.

Hyperbola.—

The difference of the focal distances of any point on a hyperbola is constant.

The tangent at any point makes equal angles with the focal distances of the point.

The locus of the feet of the perpendiculars from the foci on the tangents is the auxiliary circle.

Co-ordinate Geometry.—

Rectangular axes only

Meaning of a graph.

The question of a straight line. Two straight lines, given by the general equation and the angle between them.

*Circle.—*General equation.

Circle through three points, chord, tangent, intersection of a straight line and a circle chord of contact, pole and polar and condition of tangency.

Equation of parabola, ellipse and hyperbola refered to principal axes.

Intersection of a straight line with a conic and condition of tangency. Tangent and normal Very simple tantament required.

Calculus. -

Idea of limit and continuity.

Differentiation of elementary algebraic, trigonometric, exponential and logarithmic functions and their simple combinations. Successive differentiation excluding Leibnitz theorem.

Geometrical application to the tangent and normal properties of conics and other simple curves.

Integration as the inverse of differentiation. Integration of simple standard functions by simple substitution. Evaluation of definite integrals by substitution of limits.

B. A. EXAMINATION.

I. GENERAL ECONOMICS.

Introductory. Subject-matter of the Science and its definition. The divisions of the Science and their interdependence. Definition of wealth, capital, land, labour utility, value and price.

Land.—Qualities and characteristics. Its difference from capital. The Law of diminishing returns. Land improvements. Land values and Economic progress.

Labour.—Distinctive qualities, Skilled and unskilled labour. Productive and unproductive labour. The division of labour. Conditions of efficiency. Mobility of labour. The Law of population.

Capital.—Qualities, conditions of accumulation.

Production.—The three agents and the extent to which they are needed. Production on a large and small scale. The Employer. Machinery. Principle of substitution : Localisation of industry. Law of increasing returns. Law of constant returns.

Consumption.—Wants. Interdependence with activities. Necessaries and Luxuries. Diminishing utility. Consumer's surplus. Elasticity of demand. Fashion and custom.

Exchange.—Definition and Criteria of a market. Demand and supply. Marginal supply and demand. Prices. Equilibrium of demand and supply. Influence of time. Wholesale and retail prices. Dealers and Speculators.

Distribution.—Analysis of interest, profits, rent, and wages. Gross, and net interest. Normal rate of interest and the changes in it. Interest paid by agriculturists. The Classical Theory of

rent. Its application to Indian conditions. Relation of rents to prices. Limitation of rents by Legislation. Real and nominal wages. Net advantages. Normal rate of wages. Changes in nominal wages. Effect of a rise in wages. Earnings of specialised occupations. Earnings of Management. The National dividend.

INDIAN ECONOMICS.

Introductory.—Natural environments and how they moulded economic life in India. Special features of Indian Sociology and its connection with Indian Economics.

Production.—Special features of the factors of production in India. The condition of agriculture and means of its improvement. Forest, Mines, Indian animals; their economic importance. Manufactures in India, causes of their decay, suggestions for improvement. The place of foreign capital in the development of Indian industries. Large scale versus small scale production. The Industrial Revolution. Factory labour. The beginning of the Labour problem.

Distribution.—Theory of distribution and its applicability to Indian conditions. Rent, Agricultural rents and Mining rents. Wages, connection between prices and wages. Interest, bank rates. The money-lender. Need of credit. Co-operative credit.

Exchange.—Currency, history of rupee, paper currency system gold exchange standard, gold standard reserve. Home charges, council bills and reverse council. Advantages and weaknesses of the Indian Monetary system. Rate of Exchange. The nature and causes of the difficulties experienced during and after the War. Banking. Short history of the growth of Banking in India. Various classes of banks and their business. The Imperial Bank of India.

Consumption.—The standard of life. Effects of consumption on production. The necessary reforms.

Taxation.—Principles of taxation. Direct and indirect taxation. The Indian Financial System. The Budget and the annual financial statement. Public loans.

The State and Economics.—The Land revenue system, zamindari and raiyatwari tenures. Tenancy legislation. Famines—causes and effects, measures for prevention. The Co-operative movement in India; its benefits; its progress. Railways; history of their development; their present position and future prospects; the problem of State versus private railways; the bearing of railway policy on the indigenous industries of the country. Irrigation; present condition: major and minor works; productive and protective works; prospects of future development. The State in relation to industry. Free trade and protection. India and Imperial preference. The effects of war on the various phases of economical life in India.

II. SOCIOLOGY.

Introductory.—Subject-matter of the science, its definition and interdependent relations with the social sciences. The meaning of sociology. Its subdivisions. The method of sociology. The advantages of studying sociology.

History.—A brief survey of the development of sociology, social philosophy.

The Structure of Society.—Various conceptions of, and different kinds of society. The meaning of society.

The Basis of Society.—Family. Groups. Nationalities. Social population. Theory of population. Overpopulation and underpopulation.

The Nature of Society.—Human nature. The Individual and the Group Mind.

Social Processes.—Individual social processes (Influenced by factors like climate, resources, environment, occupation, etc.).

Socialization.—Imitation. Compulsion. Sympathy. Interest and antagonism. Adaptation.

Individualization.—Differentiation. Opposition. Class struggle. Commercialization. Professionalization.

Social Conflicts.—Conflict of interests. Exploitation.

Social Reconstruction.—Social interactions. Cross-fertilization of culture.

APPLIED SOCIOLOGY.

Introductory.—General sociology and applied sociology. The meaning and scope of applied sociology. Its relations to State economics, and ethics. Justification of applied sociology.

Wealth and Welfare.—The meaning of wealth and welfare. Criterion of welfare. Theories of welfare. (Bentham, Mill, Pigou).

Poverty and Pauperism.—Causes of poverty. Its immediate remedies. Extent of poverty. The poverty problem.

Vice and Crime.—Economical and social causes of vice and crime. Remedies of vice and crime.

Social Pathology.—Social decadence. Degeneration. Intemperance. The abnormals.

Social Reform.—Principles of social reform.

III. MATHEMATICS.

Algebra.—Interest and annuities, inequalities, simple tests of convergence of series, partial fractions, summation of series; continued fractions; indeterminate equation of the first degree.

Theory of Equations and Determinants.—Relations between the roots and coefficients of an equation; easy transformations. Cardan's solution of the cubic equation, solution of the biquadratic equation; solution of numerical equation by Horner's method. Development and elementary properties of determinants, and their applications to the solution of linear simultaneous equations and in elimination.

Trigonometry.—De Moivre's Theorem ; expansions of trigonometric functions ; hyperbolic and inverse functions ; summation of series ; expression of trigonometric and hyperbolic functions as infinite products.

Pure Geometry.—Concurrency and collinearity, harmonic ranges and pencils ; properties of a complete quadrilateral and complete quadrangle ; properties of a circle ; pole and polar ; coaxial circles ; inversion ; orthogonal projection applied to derive the properties of ellipse from those of the circle.

Analytical Geometry of two dimensions.—Cartesians and polar co-ordinates ; transformation of axes ; straight line ; circle ; parabola ; ellipse hyperbola ; the general equation of second degree ; tangents ; normals ; focii ; directrices ; conjugate diameters ; parametric representation ; tracing of curves given by general second degree ; polar equations of conics.

Analytical Geometry of three dimensions.—Equations of the plane and the straight line ; standard forms of the equations of sphere and ellipsoid.

Differential and integral calculus.—Limits and continuity of functions ; differentiation (standard forms) ; successive differentiation ; mean value theorem ; Taylor's and Maclaurin's theorem (with remainder) for a single variable ; expansion of functions in power series ; indeterminate forms ; partial differentiation ; maxima and minima of a function of a single variable ; curvature ; asymptotes ; envelopes ; curvetracing.

General methods of integration ; standard forms ; reduction formulæ ; rectification of plane curves ; quadrature ; surfaces and volumes of solids of revolution ; approximate evaluation of definite integrals (Simpson's rule) ; elementary notions of double and triple integrals and their use ; centre of gravity and moment of inertia.

Differential Equations.—Formation of a differential equation, ordinary and partial ; equation of the first order (standard forms) ; linear equations of any order with constant coefficients ; homogeneous linear equations ; simple trajectories.

Statics.—Composition and resolution of forces ; parallel forces, general conditions of equilibrium of a body under coplanar forces, centre of gravity and stability ; work ; virtual work ; friction ; simple machines.

Graphical Statics.--Funicular polygon ; link and force polygon ; shearing force and bending moment ; stresses in a framework.

Dynamics.--Uniform and accelerated motion, laws of motion ; impulse and impulsive forces ; kinetic energy and potential energy ; conservation of energy and momentum ; projectiles ; collision of elastic bodies ; hodograph ; tangential and normal acceleration ; radial and transversal acceleration ; elementary treatment of central orbits ; simple harmonic motion ; motion on a smooth curve ; simple pendulum ; units and dimensions.

Hydrostatics. -Fluid pressure at a point ; centre of pressure ; resultant pressure in a given direction ; equilibrium of floating bodies, stability and metacentre ; specific gravity ; Boyle's and Charles' laws about gases ; mixture of gases ; barometer, homogeneous atmosphere ; simple application of hydrostatics to machines such as diving bell, water pump, air pump, syphon and hydraulic press.

Astronomy.--Apparent motion of the heavens, principal constellations and the most conspicuous stars ; celestial sphere ; horizon, zenith ; poles, meridian, equinoctial points, solstices ; celestial co-ordinates ; astronomical instruments ; viz., telescope ; astronomical lock, transit theodolite, sextant, chronometer ; alt-azimuth ; magnitude of the earth ; apparent annual motion of the sun ; constellations of the zodiac ; the ecliptic and its obliquity ; seasons ; sidereal time ; solar time ; equation of time, conversion of time.

Refraction ; twilight ; parallax ; aberration ; precession ; and nutation (simple explanation) ; determination of clock error and rate by observation ; determination of right ascension and declination of a heavenly body ; latitude and longitude of a station ; solar system and the motion of the planets ; Kepler's laws ; comets and meteors ; motion of the moon and her phases ; nodes ; moon's sidereal and synodic period ; eclipses of the sun and the moon ; calendar ; the use of the nautical almanac.

Astrophysics. --Laws of reflection and refraction of light ; lenses ; astronomical telescope ; dispersion ; achromatism ; axial rotation of the sun and planets ; study of the surface of the sun ; sunspots ; spectroscope ; Doppler's principle ; chemical elements in the sun ; spectrum of sunspots ; chromosphere, prominences ; corona ; sun's light and heat.

Star magnitudes, photometry ; variable stars ; novae ; stellar spectra ; star clusters ; nebulae milky way, theories of solar and stellar evolution.

IV.—PHILOSOPHY.

Problems of Philosophy :—

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|------------------------------------|---|
| I. Introductory . . | <ul style="list-style-type: none"> 1. What is Philosophy. Poetry and Philosophy. 2. Philosophy and Science. 3. Philosophy and Religion. 4. Method in Philosophy. <ul style="list-style-type: none"> (a) Is Philosophy possible or profitable ? (b) Positivism. (c) Scepticism. (d) Mysticism. (e) Instrumentalism. (f) Logico-analytical Method. (g) Deductive Method. |
| II. Cosmological Inquiries. | <ul style="list-style-type: none"> (1) The Cosmos : 1. Our Universe.
2. Space and Time.
3. Space—Time.
4. Bergson Theory of Time.
5. The Origin of Earth. (2) The Nature & Origin of Life.
The Nature of Life.
Mechanism.
Vitalism.
Emergent Evolution—The Theory of Levels. (3) The Philosophy of Evolution.
Herbert Spencer.
Lamarck.
Darwinism.
The assumption in Darwinism and its difficulties.
Creative Evolution. |
| III. Ontological Inquiries. | <ul style="list-style-type: none"> (1) Monism 1. Materialism—Naturalism.
Energetics. 2. Idealism or Spiritualism.
Platonic Idealism.
Subjective Idealism.
Idealism of Leibniz.
Pansychism.
Voluntaristic Idealism.
The Idealism of Kant.
Absolute Idealism.
Personalism. (2) Dualism. (3) Pluralism. |

IV. The theory of Knowledge or Epistemology.

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|--|---|
| I. The sources of knowledge.— <ol style="list-style-type: none"> 1. Rationalism. (a) Metaphysical Rationalism. (b) Mathematical „ (Plato, Descartes, Spinoza, &c.) (c) Formalistic Rationalism
(Kant). | II. The Validity of knowledge Realism. <ol style="list-style-type: none"> (2) Empiricism. |
| III. Pragmatism Doctrine of Truth. | |
| <ol style="list-style-type: none"> (a) Correspondence Theory of Truth. (b) Coherence „ „ (c) Pragmatistic „ „ | |

Indian Philosophy : -

1. The Philosophical implications of Vedic religion.
 - (a) The sense of the one in the many.
 - (b) The question of Monotheism and Pantheism.
 - (c) Cosmology.
2. Philosophy of the Upanishads.
 - (a) Concepts of Atman and Brahman.
 - (b) Law of Karma.
 - (c) Ethics and theory of knowledge in the Upanishads.
 - (d) Beginnings of Sankhya, Yoga and other systems.
 - (e) Idealism and Realism.
 - (f) Philosophy of the Absolute.
3. Early systems of Religious Philosophy Gita - its doctrine
4. Systems of Philosophy -Darshanas.
 - (a) Charvaka.
 - (b) Buddhistic systems.
 1. Doctrine of Truth and Error.
 2. Theory of Being and Dialectic.
 3. Ethical Disciplines.
 4. Philosophical standpoints.
 - (c) The Nyaya- -Vaisheshika.
 1. Epistemology and Logic.
 2. Theory of Reality.
 3. Theory of Causation.

- 4. The atomic theory—Ara Vada.
- 5. Psychology.
- 6. The proof of existence of Soul and God.
- 7. Apavarga and its means
- (d) Sankhya—Yoga.
 - 1. Classification and analysis of the Pramanas.
 - 2. Theory of Reality Evolution and Invention. Pursha and Prakriti.
 - 3. Sat Karva Vada.
 - 4. Psychology—Parinama Veda.
 - 5. Practical philosophy.
 - 6. The Individual and the World.
 - 7. The question of Idealism.
 - 8. The concept of Ishwara.
- (e) Purva Mimansa.
 - 1. The Doctrine of Atman.
 - 2. Realism and Conceptualism.
 - 3. Different views of Mukti.
- (f) Uttra Mimansa (Advaita)
 - 1. Theory of knowledge, logic and dialectics.
 - 2. Brahma—Maya and Avidya.
 - 3. Theories of Creation—Viverta and Parinama.
 - 4. Ethical standard—Self Realisation, Nishkama Karma.
 - 5. Steps of Realisation.
 - 6. Mukti.
 - 7. Saguna Brahma and Nirguna Brahma.
 - 8. Other Development.
 - (a) Vishishtadvaita.
 - (b) Dvaita.
 - (c) Shudhadvaita, etc.

Islamic Philosophy :—

- (1) Ilm-ul-kalam.
- (2) Pure Philosophy.
- (3) Mysticism.

A. Ilm-ul-kalam.—

- (1) Freedom and necessity.
- (2) The relation of Divine Being to its attributes.
- (3) The word of God created or eternal.

- (4) Miracles.
- (5) Prophethood and Revelation.
- (6) Substance and attributes.
- (7) The problem of values.

The above problems to be studied chiefly with reference to the teachings of Wasil ibn-i Ata, Abulhasan Ashari, Abul Huzail Allaf, Nazzam, Ghazzali, Ibn Rushd.

B. Pure Philosophy :—

Logic, Metaphysics and Ethics, Alkindi, Farabi, Ibn Sina, Ibn Rushd, Ibn Miskwah, Shaikh-ul-Ishraq.

C. Tasareef :—

The mystical elements in the Holy Quran and the Hadis.

The special doctrines of Tasawaf.

Historical Influences.

The Relation of Islamic Mysticism to non-Islamic doctrine like Neoplatonism, etc.

Psychology :—

1. Definition, Scope, Methods and Postulates of Psychology.
2. Psychology of the Nervous system.
3. Attention.
4. Sensations—General Nature.
5. Perception.—
 - (1) of space.
 - (2) of time.
 - (3) of Reality.
6. Imagination :—Association, Dreams, Play.
7. Memory.
8. Conception.
9. Reasoning.
10. Intelligence—General Nature.
11. Feelings and Emotions.
12. Instinct.
13. Learning, and Habit Formation—Imitation.
14. Will.
15. Self.
16. Nature of consciousness -Automaton theory, Behaviourism, Purposive Psychology.

B. Sc. EXAMINATION.

MATHEMATICS—MAIN.

Algebra.—Interest and annuities, inequalities, simple tests of convergence of series, partial fractions, summation of series ; continued fractions ; indeterminate equation of the first degree.

Theory of Equations and Determinants.—Relations between the roots and coefficients of an equation, easy transformations. Cardan's solution of the cubic equation, solution of the biquadratic equation, solution of numerical equation by Horner's method. Development and elementary properties of determinants, and their applications to the solution of linear simultaneous equations and in elimination.

Trigonometry.—De Moivre's Theorem ; expansions of trigonometric functions ; hyperbolic and inverse functions ; summation of series ; expression of trigonometric and hyperbolic function as infinite products.

Analytical Geometry of two dimensions.—Cartesian and polar co-ordinates ; transformation of axes ; straight line ; circle ; parabola ; ellipse, hyperbola ; the general equation of second degree ; tangents ; normals ; focii ; directrices ; conjugate diameters ; parametric representation ; tracing of curves given by general second degree ; polar equations of conics.

Analytical Geometry of three dimensions.—Equations of the plane and the straight line ; standard forms of the equations of sphere and ellipsoid.

Differential and integral calculus.—Limits and continuity of functions ; differentiation (standard forms) ; successive differentiation ; mean value theorem ; Taylor's and Maclaurin's theorem (with remainder) for a single variable ; expansion of functions in power series ; indeterminate forms ; partial differentiation ; maxima and minima of a function of a single variable ; curvature ; asymptotes ; envelopes ; curvetracing.

General methods of integration ; standard forms ; reduction formulæ ; rectification of plane curves ; quadrature ; surfaces and volumes of solids of revolution ; approximate evaluation of definite integrals (Simpson's rule) ; elementary notions of double and triple integrals and their use ; centre of gravity and moment of inertia.

Differential Equations.—Formation of a differential equation, ordinary and partial ; equation of the first order (standard forms) ; linear equations of any order with constant coefficients ; homogeneous linear equations ; simple trajectories.

Statics.—Composition and resolution of forces ; parallel forces, general conditions of equilibrium of a body under coplanar forces, centre of gravity and stability ; work ; virtual work ; friction ; simple machines.

Graphical Statics.—Funicular polygon ; link and force polygon ; shearing force and bending moment ; stresses in a framework.

Dynamics.—Uniform and accelerated motion ; laws of motion ; impulse and impulsive forces ; kinetic energy and potential energy ; conservation of energy and momentum ; projectiles ; collision of elastic bodies ; hodograph ; tangential and normal acceleration ; radial and transversal acceleration ; elementary treatment of central orbits ; simple harmonic motion ; motion on a smooth curve ; simple pendulum ; units and dimensions.

Hydrostatics.—Fluid pressure at a point ; centre of pressure resultant pressure in a given direction ; equilibrium of floating bodies, stability and metacentre ; specific gravity ; Boyle's and Charles' laws about gases ; mixture of gases ; barometer, homogeneous atmosphere ; simple application of hydrostatics to machines such as diving bell, water pump, air pump, syphon, and hydraulic press.

Astronomy.—Apparent motion of the heavens, principal constellations and the most conspicuous stars ; celestial sphere ; horizon ; zenith ; poles ; meridian equinoctial points, solstices ; celestial co-ordinates ; astronomical instruments ; e.g., telescope ; astronomical lock, transit theodolite, sextant, chronometer ; alt-azimuth ; magnitude of the earth ; apparent annual motion of the sun ; constellations of the zodiac ; the ecliptic and its obliquity ; seasons ; sidereal time ; solar time ; equation of time, conversion of time.

Refraction ; twilight ; parallax ; aberration ; precession ; and nutation (simple explanation) ; determination of clock error and rate by observation ; determination of right ascension and declination of a heavenly body ; latitude and longitude of a station ; solar system and the motion of the planets ; Kepler's laws ; comets and meteors ; motion of the moon and her phases ; nodes ; moon's sidereal and synodic period ; eclipses of the sun and the moon ; calendar ; the use of the nautical almanac.

MATHEMATICS. (*Subsidiary*).

Algebra.—Simple test of convergency of series. Exponential and Logarithmic Series. Partial Fractions. Summation of series. Determinants and their application in solving linear simultaneous equations and in elimination. Cardan's Solution of the Cubic, Horner's method of solving numerical equations.

Trigonometry.—De Moivre's Theorem and easy deductions therefrom. Hyperbolic Functions. Summation of Series.

Analytical Geometry of Two Dimensions :—

Cartesian and Polar Co-ordinates. Simple transformation of axes. Straight line, Circle, Parabola, Ellipse and Hyperbola. Tracing of the curve given by the general second degree equation. Polar equation of the Conic Section.

Differential and Integral Calculus.—Limits. Continuity of functions, differentiation (standard forms), Successive differentiation. Mean value theorem, Taylor's and Maclaurins Theorems. Expansions. Indeterminate forms, Partial differentiation. Maxima and Minima of functions of a single variable. Points of inflexion. Curvature. Envelopes and elementary curve tracing.

General methods of integration, standard forms, elementary reduction formulæ involving trigonometrical functions, definite integrals, rectification, quadrature, volumes and surfaces of solids of revolution, approximate evaluation of definite integrals, (Simpson's Rule).

Simple applications of Calculus to physical examples. Elementary treatment of double and triple integrals. Centre of gravity and moment of Inertia.

Differential equations.—Equations of the first order, standard forms, linear equations with constant coefficients. Simple cases of particular integral. Trajectories.

Statics.—Composition and resolution of Coplanar forces parallel forces, General conditions of equilibrium of a body under coplanar forces. Centre of gravity, work, simple examples of friction, machines.

Dynamics.—Uniform and accelerated motion in a straight line. Laws of motion, Impulse, Kinetic and Potential energy and Conservation of energy and Momentum. Projectiles. Direct impact of elastic bodies. Normal acceleration and its applications. Simple Harmonic Motion. Simple Pendulum. Units and Dimensions.

Hydrostatics.—Fluid pressure at a point. Centre of pressure.

Resultant pressure. Equilibrium of floating bodies. Specific gravity. Boyle's and Charles' Laws. Mixture of gases. Barometer. Homogeneous atmosphere. Simple application of Hydrostatics to machines as diving bell, water and air pumps, Syphons.

PHYSICS.

Main Subject.

Theory. —The course includes a more extended study of the matter included in the Intermediate Course and in addition the following :—

General Physics and Properties of Matter.

Uniform motion in a circle. The Hodograph. Simple Harmonic Motion—Composition of Simple Harmonic Motions. Angular Velocity and angular accelerations.

Angular momentum. Moments of Inertia in simple cases. Gravitation. The Compound Pendulum and accounts of experiments to find the mean density of the Earth.

Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure) and liquids. Compressibility and Rigidity of Solids. The Elastic Limits. Strain due to simple longitudinal pull. Young's Modulus and its expression in terms of 'k' and 'n'.

Bending in one plane of bars of simple and uniform cross-sectional area. Simple twisting of wires of circular cross sectional area by couple in plane at right angles to length. Torsional rigidity. Application to torsion balance and shafts. The Bifilar suspension.

Capillary phenomena and general theory of Surface Tension.

Diffusion of Liquids and gases. Osmosis. Viscosity. The elements of Kinetic Theory and its application to explain the simple gas laws. Vander Waal's equation. Modern method of producing high Vacua and of measuring pressure in them.

Heat. —The methods of calorimetry and thermometry. Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of Constants. Radiation and Absorption. Laws of Cooling. Methods of measuring radiation. Stefan's Law. Laws of Thermodynamics and their simple applications. Entropy.

Light. —Velocity of Light. Photometry. Combination of two or more thin lenses. Thick lenses. Achromatism in lens system. The Telescope and the Microscope. Direct vision spectroscope. Rainbow.

The Wave theory. Simple Interference Phenomena. Huygen's Principle. Explanation of Rectilinear propagation. Reflection and Refraction of light. Action of mirrors, prisms and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determination of wave lengths. Spectrum analysis. Line and Band Spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double refraction and Polarisation of Light. Rotary polarisation. Simple applications.

Magnetism.—Forces on a magnet in a magnetic field. Magnetic Moment and intensity of magnetization. Magnetic potential and equipotential lines and surfaces. Interaction of two short magnets. Determination of field strength.

Magnetic Shell. Its potential energy in a magnetic field. Magnetic induction in magnetic substances. Magnetic permeability and susceptibility. Outline of the theory of magnetism.

The magnetic field of the Earth. The magnetic elements and their variations. The Compass and its corrections.

Electricity.—Electric Capacity. Dielectric constant. Distribution of Electricity on a surface of conductors. Total normal induction. Gauss's theorem. Value of electric forces in simple cases of distribution. Electric images. The Mechanical force on charged conductors. Energy of electrified system. Electrometers and their use.

Tubes of induction and lines of force. Stresses in tubes and pressure at right angles to them.

Wheatstone's bridge. Specific resistance. Resistance thermometer. Conductivity of electrolytes. Ionisation. Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermoelectricity. Application of thermodynamics. Peltier and Thomson's effects. Thermoelectric diagrams. Electromagnetic induction. Induction-coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Theory of Ballistic galvanometers. Lenz's Law. Determination of current, resistance, E. M. F. and capacity in absolute measure. Elements of alternating current theory. The oscillatory discharge of a condenser.

The elementary theory of the continuous current dynamo and motor. General principles of the application of electricity to lighting. Power transmission. Telegraphy and Telephony.

Elements of wireless telegraphy and telephone, with the theory of the thermionics. The discharge of electricity through gases. X-Rays and radioactive phenomena.

Sound.—The transmission of energy through material media by wave motion. Speed of propagation of waves of permanent

type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Reflection and refraction of sound. The vibration of string, bars, plates and gas columns. Organ pipes. Interference phenomena. Analysis of sound. Sensitive flames. Sound ranging. Measurement of wave length, velocity and pitch.

Practical Course.—Candidates will be required to possess general acquaintance with the phenomena and to make Physical measurements dealing with these phenomena

PHYSICS.

Taken as Subsidiary.

The Course will be of somewhat lower standard than that in which Physics is taken as a main subject and the syllabus will be the following : -

General Physics and Properties of Matter. -

Uniform motion in a circle. The Hodograph.

Simple Harmonic Motion—Composition of Simple Harmonic Motions. Angular Velocity and angular accelerations.

Angular momentum. Moments of Inertia in simple cases.

Gravitation. The Compound Pendulum and accounts of experiments to find the mean density of the Earth. Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure). Compressibility and Rigidity of Solids. The Elastic Limits. Strains due to simple longitudinal pull. Young's Modulus.

Bending in one plane of bars of simple and uniform cross-sectional area. Simple twisting of wires of circular cross sectional area by couple in plane at right angles to length. Torsional rigidity. Application to torsion balance.

Capillary phenomena and general theory of Surface Tension.

Diffusion of liquids and gases. Osmosis. Viscosity. The elements of Kinetic theory and its application to explain the simple gas laws. Vander Waal's equation. Modern methods of producing high vacua and of measuring pressure in them.

Heat.—The methods of calorimetry and thermometry. Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of constants. Radiation and Absorption. Laws of Cooling. Methods of measuring Radiation. Laws of thermodynamics and their simple applications.

Light.—Velocity of Light. Photometry. Combination of two thin lenses. Achromatism in lens systems. The Telescope and the Microscope. Direct vision spectroscope. Rainbow.

The Wave theory. Simple Interference Phenomena. Huygen's Principle. Explanation of Reflection and Refraction of light. Action of mirrors, prisms, and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determination of wave lengths. Spectrum analysis. Line and Band spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double refraction and polarisation of light. Rotatory polarisation. Simple applications.

Magnetism. - Forces on a magnet in a magnetic field. Magnetic Moment and intensity of Magnetization. Magnetic potential. Determination of field strength.

Magnetic Shell. Magnetic induction in magnetic substances. Outline of the Theory of magnetism.

The magnetic field of the Earth. The magnetic elements and their variations. The Compass and its corrections.

Electricity.—Electric Capacity. Dielectric constant. Distribution of electricity on surface of conductors. Line of force. Coulomb's Law. Electrometers and their use.

Wheatstone's bridge. Specific resistance. Resistance thermometers. Conductivity of electrolytes. Ionisational Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermoelectricity and Thermocouples. Peltier and Thomson's effects. Electromagnetic induction. Induction coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Ballistic galvanometers. Lenz's Law. Determination of Current. resistance E. M. F. and capacity in absolute measure.

General principles of the application of electricity to lighting. Power transmission. Telegraphy and Telephony.

Elementary theory of the Direct current dynamo and Motor.

The discharge of electricity through gases. X-Rays and radioactive phenomena.

Elementary theory of the thermionic value.

Sound.—The transmission of energy through material media by wave motion. Speed of propagation of waves of permanent type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Quality. The vibration of strings and gas columns. Measurement of wave length velocity, and pitch.

Practical Course. — Candidates will be required to possess general acquaintance with the phenomena and to make Physical measurements dealing with these Phenomena.

PRACTICAL WORK FOR SUBSIDIARY PHYSICS.

Properties of Matter.

- (1) Compound Pendulum.
- (2) Young's Modulus by stretching of wire.
- (3) Rigidity of a wire (Static method).
- (4) Surface Tension of a liquid by rise in a capillary tube.
- (5) Viscosity of a liquid by flow through a Capillary tube.

Heat.

- (6) Coefficient of Expansion of a liquid by Weight Thermometer.
- (7) Constant Volume and Constant Pressure Gas Thermometers.
- (8) Melting point of a solid.
- (9) Specific Heat of solids and liquids with Radiation Correction.
- (10) Coefficient of Thermal Conductivity of : -
 (a) Good conductors (Searle's method)
 (b) Bad , , (Lees' method)
- (11) Mechanical Equivalent of Heat.

Sound.

- (12) Determination of Frequencies of tuning forks with a Sonometer.
- (13) Velocity of Sound by Kundt's tube.

Light.

- (14) Refractive Index of a liquid and a solid by means of a Spectrometer.
- (15) Focal lengths of lenses and mirrors using an Optical Bench.
- (16) Wave length of a monochromatic light by Diffraction Grating.
- (17) Photometry.

Magnetism.

- (18) Determination of 'M' and 'H'
- (19) , , , of Dip.

Electricity.

SYLLABUS IN CHEMISTRY MAIN.

Theoretical.

General and Physical.—Laws of chemical action, atomic and molecular theories, determination of atomic and molecular weights, general properties of gases, liquids and solids, kinetic theory. Vander Waal's Equation. The Phase Rule, Law of Mass action, Catalysis, thermochemical changes, properties of solutions, Osmotic Pressure, Electrolytic Dissociation. Avidity of acids and bases, relation of physical properties to constitution, crystalline structure, radio active property of matter, classification of elements.

Inorganic.—Systematic study of the following elements and their important compounds :—

Elements of the Zero Group, Lithium, Sodium, Potassium, Rubidium, Cæsium Copper, Silver, Gold, Glucinum Magnesium, Calcium, Strontium, Barium Zinc, Cadmium Mercury, Boron, Aluminium, Thallius, Carbon Silicon, Zirconium, Tin, Lead, Nitrogen, Phosphorus Arsenic, Antimony, Bismuth, Oxygen, Sulphur, Selenium, Tellurium, Chromium, Molybdenum, Tungstou Fluorine, Chlorine, Bromine, Iodine, Manganese, Iron, Cobalt, Nickel and Platinum. Important Radio-active elements.

Organic—Modes of occurrence preparation, characteristics and constitutional formulae of the following : —

The Paraffins, Olefines, Acetylenes and their derivatives, *viz.*, haloid derivatives, alcohols, ethers, aldehydes, ketones and acids, Amines, Amides, Di-carboxylic acids, Hydroxyacids, Glycol : Glycerine, Compounds of the alcohol radicals with sulphur, nitrogen, phosphorus, arsenic and silicon, organic metallic bodies, carbohydrates, Glucosides, cyanogen, hydrocyanic acid, urea, and uric acid, Benzene, its homologues and their principal substitution derivatives Tammin Naphthalene, anthracene and their principal derivatives, pyridine, pyrrol, quinoline, and its common alkaloids.

Theory of Stereo-isomerism.

Practical.

Inorganic.—

- (1) Analysis of mixtures of salts, containing not more than four radicals.
- (2) Gravimetric estimation of copper, iron, aluminium calcium, magnesium, sulphate, chloride, carbonate.
- (3) Volumetric analysis comprising (a) titration of acids, alkalies and alkaline carbonates. (b) Estimation of iron with permanganate and bichromate (c) Use of standard Iodine solution, and (d) titrations involving precipitation.
- (4) Simple Inorganic preparations of occurrence.

The preparation of the following organic compounds : —

Chloroform, Ethylene, Ethylbromide, Ether, Iodoform, Ethyl Acetate, Oxalic acid, Nitro-Benzene, Aniline, Acetanilide, Phenol, Methyl Orange, Benzoic acid, Sulphanilic acid.

SYLLABUS IN SUBSIDIARY CHEMISTRY.

General and Physical. -Atomic Theory, Valency, Properties of solutions, Osmotic Pressure and related phenomena. Electrolytic dissociation, The Phase Rule Thermochemical Changes ; Law of Mass action ; Catalysis ; Chemical Equilibrium ; Equilibrium in solutions of electrolytes ; Electromotive force of cells ; Radio active property of matter ; Classification of elements ; Relation of Physical properties to chemical constitution.

Inorganic. -Classification of the elements ; Systematic study of the following elements and their important compounds.

Hydrogen, Argon, Sodium, Potassium, Copper, Silver, Gold, Magnesium, Calcium, Strontium, Barium, Zinc, Mercury, Boron, Aluminium, Carbon, Silieon, Tin, Lead, Nitrogen, Phosphorus,

Arsenic, Antimony, Bismuth, Oxygen, Sulphur, Fluorine, Chlorine, Bromine, Idoine. Maganese, Iron, Platinum, Radium, Uranium. Thorium.

Organic.—The modes of occurrence, preparation, characteristics and constitutional formulæ of the following :—

The paraffins and their chief derivatives *viz.*, haloid derivatives, alchols, ether, aldehydes, ketones and acids. Amines, Amides, Oxalic, Succinic, Tartaric, Citric acid, Lactic acid, more important carbohydrates, Ethylacetooacetate, Benzene, its homologues and its principal substitution derivatives Naphthalene Anthracene, Pyridine, Quinoline and its common alkaloids.

Practical.—Qualitative analysis of inorganic substances, containing not more than two radicals.

Volumetric estimation of alkalies and acids, Estimation of Iron with permanganate. Use of standard iodine solution.

Gravimetric estimation of Copper, Calcium and Chlorine.

The preparation of the following compounds :—

1. Ether.
2. Oxalic acid.
3. Nitrobenzene.
4. Acetanilide.

SYLLABUS IN BOTANY—(*Taken as a main subject.*)

1. *External Morphology*.—The detailed morphology of the root, shoot, and reproductive organs, (including fruits and seeds), floral mechanisms and seed dispersal.

2. *Histology*.—The structure of the cell, the cell-contents, their micro-chemical reactions, cell-division (karyokinetic and other methods of division). The origin and growth of tissues, and their distribution ; the secondary tissues of the flowering plants.

3. *Systematic*.—Principles of classification. The Morphology, physiology and life-histories of the following groups and types :—

Cryptogums.—Bacteria. Cyanophyceæ (Oscillaria, Nostoc), Diatomactæ, Conjugatæ, (Spirogyra, Desmids), Chlorophyceæ (Chlamydomonas) Volvox, Pleurococcus, (Ulothrix, Oedogonium, and Botrydium) Characeæ, (Chara or Nitella), Phæophyceæ (Fucus), Rhodophyceæ (Callithamnion), Phycomycetes, (Pythium, Mucor), Ascomycetes (Yeast, Peziza, Penicillium, Claviceps) Basidomycetes, (Ustilago, Puccinia, Agaricus), Lichens,

Hepataceæ (Marchantia, Pellia, or Anthoceros). Musci (Funaria), Filicinæ, (Ophioglossum). Adiantum or Pteris Marsilia). Equisetum, Lycopodiæ (Selaginella and Lycopodium).

Phanerogams.—Cycadaceæ (Cycas). Coniferae (Pinus). Gramineæ. Aracæ. Palmæ. Liliacæ. Amaryllidaceæ. Seitfaminaceæ. annoaccæ Nymphaeaceæ. Papaveraceæ. Cruciferæ. Capparidaceæ. Malvaceæ. Rutaceæ. Myrtaceæ. Lythraceæ. Passifloraceæ. Cucurbitaceæ. Umbelliferæ. Rubiaceæ. Apocynaceæ. Asclepiadaceæ. Convolvulaceæ. Solanaceæ. Serophulariacæ. Bignoniacæ. Acanthaceæ. Verbenaceæ. Labiatæ. Nyctaginaceæ. Utricaceæ and Euphorbiaceæ.

4. *Physiology*.—Turgidity, and Tension of tissues, Nutrition, the food of plants and its absorption, Osmosis, root-pressure, conduction of food, transpiration, photo-synthesis; digestion and transference of the food products of assimilation; Storage of food, the nutrition of parasites, Saprophytes and insectivorous plants. Respiration, Enzymes and the digestion of reserve food; Growth, the effect of external influences on growth, Movements, protoplasmic movements, imbibition movements, Heliotropism, Geotropism, Chaeotropism, Contact stimuli and their effects, movements of irritability

5. *Ecology*.—The reaction of plants to their environments as illustrated by aquatic plants, hygrophytes, mesophytes, and Xerophytes.

6. *Evolution*.—Variation, Heredity and Evolution.

Practical.

The practical examination shall include :-

- (a) Examination and description of plants or parts of plants.
- (b) Examination and description of microscopic specimens.
- (c) Identification of specimens.
- (d) The making of sections of plant parts for microscopic examination.
- (e) A knowledge of micro-technique including fixing, staining, and section-cutting.
- (f) A practical knowledge of simple physiological experiments.
- (g) At least ten permanent mounts must be prepared.

The students are expected to keep a complete record of laboratory work in a special note-book. Every journal is to be signed periodically by a member of the staff.

SYLLABUS IN BOTANY—*Taken as a Subsidiary Subject.*

1. *External Morphology.*—The detailed morphology of the root, shoot, and reproductive organs, (including fruits and seeds) Floral mechanism and seed dispersal.

2. *Histology.*—The structure of the cell, the cell-contents and their micro-chemical reactions, cell-division (Karyokinetic and other methods of division). The origin and growth of tissues and their distribution, the secondary tissues of the flowering plants.

3. *Systematic.*—Principles of classification. The morphology physiology and life-histories of the following groups and types :—

Cryptogams.—Bacteria. Cyanophyceæ (Nostoc), Conjugatæ (Spyrogyra), Chlorophyceæ (Chlamydomonous, Volvox) and Oedogonium), Phæophyceæ (Fucus), Phycomycetes (Mucor), Ascomycetes (Yeast, and Claviceps), Basidiomycetes Puccinia and Agaricæ), Hepaticæ (Marchantia), Muscæ (funaria), Filicinæ (Pteris and Marsilia, Equisetum, Lycopodiæ Selaginella).

Phanerogams.—Cycadaceæ (Cycas), Coniferæ (Pinus). Graminæ, Palmae Liliaceæ, Anonaceæ, Papaveraceæ Cruciferæ, Malvaceæ, Anacardiaceæ, Leguminosæ, Myrtaceæ, Passifloraceæ, Cucurbitaceæ, Compositæ, Apocynaceæ, Asclepiadaceæ, Solanaceæ, Labiatæ, Urticaceæ, and Euphorbiaceæ.

4. *Physiology.*—Turgidity and Tension of tissues. Nutrition the food of plants and its absorption. Osmosis, root-pressure, conduction of food, transpiration, photosynthesis ; digestion and transference of the food, products of Assimilation. Storage of food, the Nutrition of parasites, Saprophytes and insectivorous plants. Respiration, reserve food ; Growth, Movements, Protoplasmic movements. Imbibition movements, Heliotropism, Geotropism, Chæmotropism. Contant Stimuli and their effects, movements of irritability.

5. *Ecology.*—The reaction of plants to their environments as illustrated by aquatic plants, hygrophytes, mesophytes, and Xerophytes.

6. *Evolution.*—Variation. Heredity and evolution.

N. B.—Physiology and Ecology to be treated in an elementary manner.

Practical.

The Practical examination shall include :—

- (a) Examination and description of plants or parts of plants.
- (b) Examination and description of microscopic slides.
- (c) Identification of specimens,

- (d) A knowledge of section cutting and micro-technique including fixing and staining.
- (e) A practical knowledge of simple Physiological experiments.

Candidates should keep a complete record of laboratory work in a special note-book.

Syllabus in Zoology taken as Principal Subject.

Cytology..—The structure and phenomenon of the Animal cell.

Reproduction. Sexual and Asexual, and Parthenogenesis. Alternation of Generations and Metamorphosis.

Histology..—The general classification and characteristics of the common animal tissues as illustrated by the frog and rabbit.

Embryology..—Development of frog, chick, and rabbit. The following larvae should be studied :—

Planula, Cercaria, Trochophore Nauplius, Bipinnaria, Tornaria, Auricularia and Zoaæ.

General Principles of Biology..—Evolution, heredity, and variation, dealing with various theories. Elementary principles of Geological and Geographical distribution of Animals. General principles of classification.

Physiology..—The physiology of various organs of the animal body as illustrated by the frog and rabbit.

Systematic Zoology..—The structures, habit and development of the following groups including study of the types given in each :—

Protozoa..—Amœba, Praeacium, Vorticella, Malarial parasite, Monocystis, Euglena, Opalina, and Trypanosomes.

Porifera..—Sycon.

Coelenterata..—Hydra, Obelia and Aurelia.

Platyhelminthes..—Planaria, Liver-fluke, Taeniasolium.

Nemathelminthes..—Ascaris and Echinorhynchus.

Annelida..—Nereis, Pheretima and Hirudo.

Arthropoda..—Apus, Prawn Cyclops Daphnia, Branchipus, Peripatus, Scolopendra, Periplaneta, Musca, Mosquito, Wasps, Formica, Scorpion, and Limulus.

Mollusca..—Anodontia, Chiton, Ampullaria, Sepia, Patella.

The following types of chordata to be studied in detail as regards their structure, development, and principal characteristics:

Urochordata.—Ciona or any other Ascidian.

Hemichordata.—Balanoglossus.

Cephalochordata.—Amphioxus.

Cyclostomata.—Petromyzon.

Pisces.—Carcharias or scoliodon.

Amphibia.—Rana tigrina.

Reptilia.—Lizard. (Calotes or any other available type).

Aves.—Columba.

Mammalia.—General characters of the class Prototheria and Metatheria as illustrated by Echidna and Kangaroo. Rabbit. Skull of Canis.

Practical.

Candidates will be required to show a knowledge of the methods of microscopic technique and to examine, dissect or describe the various animals prescribed in the course.

Syllabus in Zoology taken as a Subsidiary Subject.

The structure and phenomenon of the animal cell, Reproduction, Sexual, and Asexual, and Parthenogenesis. Alternation of Generations.

The structure habits and development of the following groups including detailed study of the types given in each :—

Protozoa.—Amoeba, Euglena. Paramaecium, Monocystis Malaria parasite, and Vorticella.

Porifera.—Sycon.

Coelenterata.—Hydra and Obelia.

Platyhelminthes.—Liver-fluke, and Tape-worm.

Nematheleminthes.—Ascaris.

Echinodermata.—Star fish.

Annelida.—Nereis, Earthworm, and Leech.

Arthropoda.—Prawn, Cyclops, Daphnia (General characters) cockroach, Anopheles, Musca, and Scorpion

Mollusca.—Fresh water Mussel.

Urochordata.—Ciona or any other Ascidian.

Hemichordata.—Balanoglossus.

Cephalochordata.—Amphioxus.

Cyclostomata.—General characters.

Pisces.—Dogfish. (carcharias or Scoliodon).

Amphibia.—Rana tigrina.

Reptilia.—General characters and elementary knowledge of the identification of poisonous snakes.

Aves.—Columba.

Mammalia.—General characters of Prototheria and Metatheria as illustrated by Echidna and Kangaroo. Skull of Canis and general characters of the Class Mammalia.

Evolution, Heredity, and Variation.

General principles of Classification. Outlines of the development of Amphioxus, Frog, Chick, and Rabbit.

The general classification and characteristics of the common forms of Animal tissues.

The elementary knowledge of the physiology of various organs of the animal body as illustrated by Frog and Rabbit.

Practical.

Candidates will be required to show a knowledge of the methods of microscopic technique, and to examine, dissect, or describe the following :—

Amœba, Euglena, Paramaecium Vorticella, Sycon, Hydra, Obelia, Pheretima, Nereis, Leech, Prawn, Cockroach, Scorpion, Unio, Dogfish, Frog, Pigeon, and Rabbit.

Osteology of the Frog, Fowl and Rabbit. Skull of Canis.

M. Sc. EXAMINATION.

Detailed Syllabus.

CHEMISTRY.

(Previous) *Examination—INORGANIC CHEMISTRY.*

Theory.

Study of the following elements and their important compounds.
The group, Ra, Sc, Y, Ce, Ga, In, Ti, Zr, Th, V, No, W, U, Pd, Ir.

Metallurgy of Cu, Ag, Au, Fe, Zn, Pb.

Manufacture of H_2SO_4 , bleaching powder, Na_2CO_2 , NaOH

Paints and pigments. Porcelain, glass cement, fuel gases. Study of the Theory of valency, Allotropy, Golloids, elementary ideas on intermetallic compounds, isotropism.

Practical.

Qualitative analysis of mixtures containing not more than six radicals (including silicate and thiosulphate).

Iodometric estimation of Cu, MnO_2 , H_3ASO_3 .
Gravimetric determination of Mn, PO_4 , Ni, Cr, NO_3 (by Lunge's Nitrometer), NH_3 .

Qualitative and quantitative analysis of simple minerals such as dolomite, magnesite, calc spar and pyrites. Analysis of silver and nickel coins and brass (also electrometrically). Simple gas analysis.

Preparation of $(NH_4)_2S_2O_8$, CrO_3 , H_3PO_4 .

Organic Chemistry.

Theory—General.

1. Definition of alkaloids.
2. General properties.
3. History.
4. Sources.
5. Chief reagents for alkaloids.

6. History of the structure of alkaloids.
 7. Orientation of the MONO, Bi, and tri pyridine carboxyl acids.

Pyridine group	Quinoline group	Isoquinoline group
1. Coniine	.1. Sinchonine 2. Quinoline	.1. Papaverine. .2. Narcotine. .3. Berberine.
Pyrrolidine group	Purine group	Phenanthrene group
1. Nicotine 2. Atropine 3. Egonine 4. Cocaine 5. Piperine. 6. Trigoneuine.	1. Theophylline 2. Caffeine 3. Theobromine 4. Purine	1. Morphine. 2. Codeine. 3. Thebaine. 4. Glaucine.

Practical.

Detection of elements, Carbon, Hydrogen, Nitrogen, Sulphur, Halogens, and Phosphorous.

Detection of groups CH_2OH , -CHOH , -COH , $\text{-CO}-\text{C}_6\text{H}_5$, $\text{-COOH}=\text{NH}_2$, $\text{-NH}_2=\text{N}$, -OCH_3 , -NO_2 , OH (phenolic).

Detection of unknowns:—Simple and mixtures.

Quantitative estimation of:—OH group.

Preparation of about 10 organic compounds.

Determination of molecular weight of an organic acid by means of its silver salts. Gas analysis of mixtures of CO , CO_2 , CH_4 , C_2H_4 , etc. Quantitative estimation of Carbon, Hydrogen, Nitrogen, Sulphur and Halogens.

Physical Chemistry.

Theoretical.

Atomic structure, Valency; Relation between physical pro

perties and chemical constitution ; Gaseous, liquid and crystalline state ; Thermo-chemistry ; Free energy of chemical reactions ; chemical equilibrium ; velocity of chemical reactions ; theories of chemical change ; catalysis in homogeneous and heterogeneous systems ; behaviour of weak and strong electrolytes ; electrode potentials ; electromotive force of galvanic cells ; Hydrogen in concentration ; photo-chemical reactions.

Practical.

'The following measurements and determinations :-

1. Density of liquids.
2. Vapour density.
3. Molecular weight by the boiling point method.
4. Molecular weight by the freezing point method.
5. Solubility of liquids in liquids.
6. Solubility of solids in liquids.
7. Viscosity.
8. Surface tension.
9. Specific and molecular rotation.
10. Spectroscopic analysis.
11. Concentration by means of refractometer
12. Heat of neutralisation.
13. Distribution co-efficient of a solid in two liquid phases.
14. Velocity co-efficient and order of a chemical reaction.
15. Degree of dissociation from molecular conductivity.
16. Solubility of sparingly soluble salts by conductivity method.
17. Measurement of electromotive force.
18. Solubility by means of E.M.F. measurement.
19. Hydrogen in concentration.
20. Comparison of radio-active properties of different substances.

(Final) Examination.

IN-ORGANIC CHEMISTRY.

Paper I.

Per-acids and their salts, complexions, radioactive substances metals of the rare earths, history of Chemistry from the middle of the 19th century.

Paper II.

Intermetallic compounds, electric furnaces and electrolytic products, by-products of industries, permuitites, hafnium, fixation of nitrogen and transmutation of elements.

PHYSICAL CHEMISTRY.

Paper I.

Photo-chemistry including photosynthesis.

Paper II.

Molecular structure, chemical equilibrium, chemical kinetics absorption.

PHYSICS.

In addition to what is included in the B.Sc. Course a detailed study of the following :

(A) *Previous Examination.**Paper I.—General Physics and Sound.*

Gravitation : Elasticity ; Theory of Surface Tension Phenomena : Viscosity of Liquids, Gases and Vapours ; Compressibility of liquids ; Kinetic Theory of gases and its application ; Vibration of Strings, membranes, plates and bars ; Forced Vibrations ; Combinational Tones ; Resonance ; Reflection and Refraction of Sound Waves ; Supersonic Waves.

Paper II.—Optics (Geometrical and Physical).

Mirrors, System of lenses ; Chromatic and Spherical aberrations ; Interference ; Diffraction ; Dispersion ; Double refraction of Crystals ; Polarisation ; Elements of Spectroscopy ; Spectrographs ; Line Spectra ; Series Spectra ; Band Spectra ; Bohr's Theory of Spectra ; Elementary knowledge of Electro and Magneto-optics.

Paper III.—Heat (including Thermodynamics).

Thermometry ; Measurement of High and Low Temperatures Equations of State ; Specific Heats at high and low Temperatures ; Vapour pressure of Metals ; Conductivity ; Laws of Radiation ; Radiation Pressure ; Thermodynamical Formulae and applications ; Entropy ; Nernst Heat Theorem.

Paper IV.—Practical work in Properties of Matter, Heat and Sound.

1. Young's Modulus by Koenig's Method.
2. Do of a Spiral Spring by Wilberforce inertia Bar
3. Do of a glass plate by interference Method.
4. Determination of Poisson's Ratio.
5. Modulus of Rigidity of a spiral Spring by Wilberforce inertia Bar.
6. Torsional Hysteresis for a wire.
7. Temperature coefficient of Rigidity and Young's Modulus.
8. Surface Tension of liquids by Jager's Method.
9. Do by Ferguson's Method.
10. Surface Tension Balance for liquids at different concentrations and temperatures.
11. Viscosity of liquids at different temperatures by flow through a capillary tube (with kinetic energy correction).
12. Viscosity of liquids by rotating cylinder Method. (Willow's appr.).
13. Viscosity of liquids by oscillating disc. (Meyer's Method).

14. Viscosity of Liquids by Stoke's Law.
15. Viscosity of a gas by Rankine's Method.
16. Do by Anderson's Method.
17. Variation of Viscosities of air with temperature and determination of Sutherland's constant.
18. Specific Heat of a substance by Joly's Steam Calorimeter.
19. Do of liquids by Callendar and Barne's flow Method.
20. Determination of Specific Heat by Bunsen's Ice Calorimeter.
21. Latent Heat of vaporisation by Berthelot's Apparatus.
22. Heat of solution of salts.
23. Use of Beckmann's thermometer in determining the Rise of Boiling point and the depression of the freezing point of a solvent.
24. Vapour Density by Hofmann's Method.
25. Do by Dumas Bulb. (with correction.).
26. Vapour Tension of water at various Temperatures.
27. Thermal Conductivity of a metal bar (Angstrom's Method).
28. Do of a bad Conductor in the form of a powder.
29. Total Emissivity of the surface of a wire at various temperatures.
30. Use of Platinum Thermometer.
31. Use of a thermo-couple as a thermometer.
32. Velocity of sound in different gases and deducing the value of γ .
33. Finding the value of the coefficient of expansion of a gas by determining velocities of sound at two different temperatures (by Kundt's tube).
34. Frequency of a tuning fork by Strohoscopic Method.

Paper V.—Practical work in Optics.

1. Determination of the Focal Length and the positions of the Principal Planes of a thick lens and optical system by various Methods.

2. Investigation of the Spherical Aberration of a thick lens.
3. Determination of the Refractive Index of a liquid by total reflection using a prism.
4. Determination of the thickness of a thin glass plate by interference method.
5. Measurement of the Wavelength of light by Fresnel's Biprism, using :—

- (a) Optical Bench.
- (b) Spectrometer.

and determination of “ n ” of the material of the Biprism.

6. Determination of the Wavelength of light by Fresnel's Double Mirror.
7. Determination of the Wavelength of light by Billet's Split lens.
8. Measurement of Wavelength by Diffraction. (various methods).
9. Measurement of Wavelength by Diffraction Grating using oblique incidence.
10. Measurement of the Resolving Power of :—
 - (a) a prism spectroscope.
 - (b) a Diffraction Grating.
11. Calibration of a spectroscope.
 - (a) by using lines of known Wavelengths.
 - (b) by Interference fringes.
12. Polarisation by Reflection (verification of Brewster's law).
13. Measurement of Specific Rotatory Power of a substance

Additional Experiments.

14. Determination of the Refractive Index for liquids and gases by means of Rayleigh's Interferometer.
15. Comparison of Refractive Indices of gases by Jamin's Interferometer.

16. Determination of Refractive Index of substances by Pulfrich Refractometer.
17. Determination of the difference of wavelengths for the Sodium D lines by means of Michelson's Interferometer.
18. Measurement of e/m for an Electron by observing Zeeman Effect for yellow Helium light, using :

(a) Lummer Gehreke plate.	}	mounted on Constant Deviation Spectroscope.
(b) Fabry Perot Etalon.		
(c) Michelson Echelon Grating		

(B) FINAL EXAMINATION.

Paper I. —Classical Electricity and Magnetism.

Determination of Dielectric Constants for solids, liquids and gases ; Electrical Images ; Electric Fields : Pyro and Piezo electricity ; Ferro, Para, Dia-Magnetism ; Various methods of determining Susceptibility and Permeability of solids, liquids and gases, Theory of Magnetism ; Theory of Electrical instruments ; Theory and Measurement of Inductance and Capacity ; Theory of Alternating Currents ; Electromagnetic Waves ; Their generation and application.

Paper II.—Modern Electricity.

Conduction of Electricity through gases ; Ionisation currents ; Ionisation by Collision ; Mobility of Ions ; Diffusion of Ions ; Variation of the mass of electron with velocity ; Determination of e/m and e ; Positive ray analysis and Mass Spectrograph ; Thermionic Currents ; Photo-Electricity ; X-Rays ; Radioactivity ; Atomic Structure.

Paper III.—Special subject as detailed above.

Students are expected to possess a detailed knowledge of the subjects chosen by them.

Paper IV.—Practical Work in Magnetism and Electricity.

1. Plotting B—H Curve and measurement of Permeability
 - (a) Magnetometer Method.
 - (b) Ballistic Method.
2. Measurement of Susceptibility of para and dia-magnetic substances.

3. Adjustment and use of various types of Galvanometers.
4. Calibration of Meter Bridge wire by two Methods.
5. Variation of the resistance of a wire with temperature.
6. Measurement of low resistances.
 - (a) Direct Deflection Method.
 - (b) Mathiessen and Hockin's Method (Potentiometer Method).
 - (c) Kelvin's Double Bridge.
7. Measurement of high resistances.
 - (a) Direct Deflection Method.
 - (b) Leakage Method.
8. Calibration of Callendar and Griffith's Bridge and use of Platinum Resistance Thermometer.
9. Electrolytic resistances.
 - (a) Direct Current Method.
 - (b) Kohlrausch Bridge.
10. Determination of the thermo-electromotive force.
11. Measurement and comparison of Self Inductances
(various methods.)
12. Do do Mutual Inductances
(various methods.)
13. Do do Capacities (various methods.)
14. Use of Gassorts Flux-meter.
15. Adjustment and use of Quadrant Electrometer (Comparison of E. M. F. and other expts.)
16. Measurement of small capacity in E.M. and E.S. Units and deducing V.
17. Determination of the velocity of Electric Waves (Leacher's).
18. Determination of e/m (Thomson's Method).
19. α and β -rays Electroscopes.
20. Characteristic Curves of the three-electrode valve.
21. Determination of electronic charge by Millikan's Method.
22. Determination of Saturation Voltage across an ionised chamber.

FACULTY OF MEDICINE

M.B. B.S. Examinations

ANATOMY.

1. Lectures and Demonstrations.

Osteology.—General description of bones and their structure. Demonstration and description of all the bones of the human body (with reference also to their centres of ossification).

Myology.—General description of fasciae and different kinds of muscles—their structure—demonstration and description of all the fasciae and muscles (treated regionally) as regards the origin, insertion, action, relation, innervation and blood supply of each muscle.

Syndesmology.—General description of joints—their classification and various movements permitted in different types of articulations. Description of each joint (in detail) as regards its formation, movements and blood supply (with demonstrations on a dissected part).

Angiology.—Outline of circulation of blood—description and structure of heart—Cardiac cycle—Fetal circulation.

Blood vessels.—General description and structure of different kinds of blood vessels.

Arteries.—Each artery described as to its course, relationship and branches.

Veins.—Each vein described as to its course, relationship and tributaries.

Lymphatic system.—Structure of lymph glands and lymphatic vessels—with their description according to different regions of the body.

Neurology.—General description of the nervous system (Cerebro-spinal and sympathetic)—Structure of nerves and ganglia—Description (in detail) and demonstration from specimens and section of different parts—Medulla Spinalis—Various parts of the Encephalon—The Meninges, the cranial and spinal nerves—Different portions and plexuses of the sympathetic system.

Organs of taste, smell, sight, hearing, and peripheral termination of nerves of general sensation. Skin and its appendages.

SPLANCHNOLOGY.—Demonstrations and full descriptions of : Organs of Respiration and Digestion—Peritoneum, Uro-Genital apparatus (male and female) Ductless glands.

EMBRYOLOGY.—Germ cells, their origin and structure ; maturation and fertilization ; segmentation, germinal layers ; early stages in the development of the embryo ; Foetal membranes and placenta : Development of organs.

B. Dissection of the Whole Human Body by every student.

PHYSIOLOGY.

Lectures.

1. *Histology.*—The animal cell and its division. The varieties and structure of epithelia and connective tissues including cartilage, bone and teeth with their development.

The varieties and structure and functions of voluntary, and involuntary muscles and nerves with their development. Irritability and contractibility of the tissues. Changes during the contraction of muscle in form, extensibility and elasticity, temperature and electrical condition, also chemical changes.

2. *The Circulatory System.*—The structure of the heart, arteries, capillaries and veins and lymphatic vessels. Physiology of the heart, circulation of blood in the fetus and the adult. Blood pressure, velocity of blood arterial and venous pulse, flow of blood in arteries, capillaries and veins, and lymph flow. Innervation of the heart and blood vessels.

3. *Blood.*—Composition, quantity, and coagulation of blood, chemistry of blood corpuscles. Compounds and derivatives of haemoglobin. Enumeration of blood corpuscles. Estimation of haemoglobin. Tests for blood.

4. *Lymph and Lymphatic glands.*—

5. *Ductless glands.*—Their structure and functions and internal secretion.

6. *Respiratory System.*—Organs and mechanism of respiration ; gases of blood, cause and regulation of respiration. Special respiratory acts and artificial respiration. Effects of respiration on circulation. Relation of respiration to nutrition. Oxygen want. Respiration at high pressure. Abnormal respiration and asphyxia.

7. *Digestion.*—Structure of secreting glands connected with digestion including liver and pancreas. Composition and actions of their secretions on various food-stuffs. Mechanical processes of digestion and absorption of food.

8. *Urinary System.*—The structure and functions of the apparatus, composition of urine, formation of urea, uric acid, ammonia, creatin and creatinin and hippuric acid. Inorganic urinary constituents and deposits. Tests for abnormal constituents of urine.

9. *Skin and its Appendages.*—Structure, and functions of the skin and its appendages. Composition and secretion of sweat. Regulation of heat.

10. *Chemical Composition of the body.*—Chemical physiology of the carbo-hydrates, protein and fats. Enzymes and their actions. Metabolism of carbohydrates, fats and proteins, and conservation of energy.

11. *Nerve, Nerve Centres, Nerve Cells.*—Their structure and functions. Degeneration and regeneration of nerves. Velocity, direction, and nature of the nerve impulse chemistry of nervous tissue, changes in the electrical condition and excitability of nerves. Autonomic nervous system.

12. *Central Nervous System.*—Structure and functions of white and grey matters of the spinal cord. Results of section of spinal cord. Reciprocal action of antagonistic muscles. Principle of the common path. Structure of bulb, pons and midbrain. Origin and functions of cerebral nerves.

Structure and functions of cerebellum.

Structure of the cerebrum. Localization of cerebral functions. Motor and Sensory areas. Association fibres and centres.

13. *Structure and functions of:-*

- (a) the organs of taste and smell.
- (b) Anatomy of the ear and physiology of hearing.
- (c) Structure and function of the eye.

Accommodation and defects in the optical apparatus.

Visual sensations and theories of vision.

14. *Cutaneous sensations and their varieties.* Motorial and visceral sensation.

15. Anatomy of the Larynx. Production of voice and speech.

16. Reproduction, development and growth of the body.

PHYSIOLOGY.

Practical Course.

EXPERIMENTAL PHYSIOLOGY.

- (a) *Circulation.*—Dissection of frog's heart, graphic record of its action. Dissection of the sino-atrial junction. Dissection of the vagus.

Dissection of the cardio-sympathetic. Stimulation of the sino-atrial junction, of the vagus, of the cardio-sympathetic. Apex preparation of the heart. Actions of muscarin and atropine-heat, cold, and electrical current on heart. Stannius experiment.

(b) *Muscle*.—Voluntary and involuntary stimulation of muscle—mechanical, chemical and electrical. Muscle-nerve preparation.

Result of single stimulus. Influence or stimulus strength load on fatigue, temperature and drugs. Successive stimuli on muscle. Tetanic contraction. Elasticity and extensibility. Electrotonus. Rheoscopic frog. Marey's tambour. Myograph, cardiograph, Mammalian heart and its nutrition.

(c) *Blood*.—sphygmograph, sphygmometer. Respiration and artificial respiration. Pneumograph. Polarimeter. Stromuhr. Kymograph.

(d) *Nervous system*.—Extirpation of cerebellum in pigeon.

Extirpation of cerebrum in pigeon.

Reflex actions, Nerve and its microscopical examination
Eye accommodation. Phakoscope. Retinal shadows.

Laryngoscope, ophthalmoscope, retinoscope, perimeter, cold heat, pressure and pain spots.

CHEMICAL PHYSIOLOGY.

(a) Chemical compositions of and tests for proteins, carbohydrates and fats and principal food-stuffs. Emulsification of fats.

(b) *Digestion* :—Actions of saliva and gastric juice, and tests for hydrochloric and lactic acids.

Actions of pancreatic juice, bile, and succus entericus. Tests for glycogen.

Examination of urine—tests for albumen, sugar, bile, blood and deposits; quantitative estimation of albumen, sugar, urea, uric acid and chlorides of urine.

HISTOLOGY.

Microscopical preparations (hardening, embedding, section-cutting, staining and mounting) of tissues ; examination of histological slides of different tissues.

MATERIA MEDICA

In the course of systematic lectures, the natural history chemical and physical properties of all the official drugs and the most important non-official medicinal agents with full accounts of their pharmacological action and their Therapeutic uses on the gastro intestinal tract, respiration, circulation, secretion, excretion, sensory, motor and reflex mechanism, heat regulation and absorption will be dealt with and also the method of preparation, doses, composition, sources, with physical, chemical and physiological incompatibilities of the British Pharmacopoeical drugs will be lectured upon.

Definitions of all the technical terms commonly employed in Pharmacology and Therapeutics.

Pharmacology { of various drugs in the British Pharma-
and { copœia acting on different systems.
Therapeutics }

- (a) Prescribing (b) Latin phrases used in prescriptions.
- (c) Action of drugs :-

(1) The primary action (2) The secondary action. (3) The direct or local action. (4) The indirect or remote action. (5) The relation between chemical constitution and physiological action. (6) The relation between physical condition and physiological action.

INORGANIC MATERIA MEDICA.

<i>Group</i>	I. Oxygen and Peroxide of Hydrogen.
"	II. The alkaline metals :- Potassium, Sodium, Ammonium and Lithium
"	III. The alkaline earths :- Calcium, Barium, Strontium and Magnesium.
"	IV. Lead, Silver, Zinc, Copper, Bismuth, Aluminium.
"	V. Mercury.
"	VI. Iron and Manganese.
"	VII. (a) Arsenic. Organic Arsenic compounds. 1. Aliphatic or fatty series, and 2. Benzol ring compounds or aromatic (Benzol) Series. (b) Antimony Chromium, Uranium and Phosphorus.
"	VIII. Drugs used to kill parasites.
"	IX. Chlorine, Iodine, Bromine and (Iodoform Halogens).
"	X. Hypnotics.
"	XI. Acids.
"	XII. Carbon and its compounds.
"	XIII. Gluside, Paraffin, Benzene, Carbon disulphide.
"	XIV. Water.

ORGANIC VEGETABLE MATERIA MEDICA.

- Group.*
- I. Drugs acting on the nervous system.
 - II. " " Cardio-Vascular System.
 - III. " " Respiratory Organs.
 - IV. " which are antiperiodic, antipyretic, and antiseptic.
 - V. Purgatives.
 - VI. Volatile Oils, and Solid Volatile Oils (Stearoptenes).
 - VII. Vegetable Bitters.
 - VIII. Vegetable Astringents.
 - IX. Demulcents.
 - X. Anthelmintics and Parasiticides.
 - XI. Diuretics.
 - XII. Drugs acting on the uterus.
 - XIII. Drugs used for gout.
 - XIV. Bodies related to volatile oils.
 - XV. Drugs containing important acids.
 - XVI. Colouring agents.
 - XVII. Drugs whose action is mechanical.
 - XVIII. Drugs whose action is not known.

ORGANIC ANIMAL MATERIA MEDICA.

Substances derived from the Animal Kingdom including the following Sera and vaccines.

- I. Antidiphtheritic Serum.
- II. Antitetanic Serum.
- III. Antipneumococcic Serum.
- IV. Antiplague Serum and Vaccine.
- V. Antistreptococcic Serum and Vaccine.
- VI. Tubercular Serum and Vaccine.
- VII. Cholera Serum and Vaccine.
- VIII. Typhoid "
- IX. Hydrophobia Vaccine.
- X. Antigonococcic Serum.
- XI. Shigas' Antidysenteric Serum.
- XII. Pollantin.
- XIII. Coley's fluid of Sarcoma.
- XIV. Wright's Staphylococcic Vaccine.
- XV. Sclavo's Serum for Anthrax.

ORGANO-THERAPY.

The Thyroid gland.

The milk of Thyroidectomised goats.

The serum of " sheep.

Thymus Extract.
 Acid Extract of Duodenal Mucous Membrane.
 The Kidney.
 The Liver.
 The Spleen.
 The Sex Glands.
 Bone Marrow.

PHARMACY AND DISPENSING.

- I. General directions.
- II. Weighing and Measuring.
- III. Decoctions.
- IV. Infusions.
- V. Emulsions and Mixtures.
- VI. " of special drugs.
- VII. Pills.
- VIII. " of special drugs.
- IX. Excipients.
- X. Powders.
- XI. Blisters and Plasters.
- XII. Suppositories, Pessaries and Bougies.
- XIII. Tinctures.
- XIV. Lozenges.
- XV. Ointments.

PATHOLOGY.

1. General Pathology

The Cell in health and disease. General retrogressive processes. Inflammation and Repair. Diseases of Metabolism, e.g., Gout, Diabetes, Intoxications and Autointoxications. Disturbances of circulation: -Dropsy, Thrombosis, Embolism and Infarctions, Tumours, Infective Granulomata, Animal parasites, Infection and Immunity. Internal secretions. Fever and infective diseases.

2. Systematic Pathology

Diseases of:--The circulatory system. 2. The blood and blood-forming organs. 3. The lymphatic system. 4. The spleen. 5. The respiratory system. 6. The digestive system. 7. The ductless glands. 8. The genito-urinary system. 9. The generative system. 10. The nervous system. 11. Cartilage, bone and joints. 12. The voluntary muscles. 13. The tendon sheaths and bursae. 14. Diseases of the skin.

3. Tropical Pathology—

Malaria. Relapsing fever. Kala azar and Leishmaniasis. Tropical splenomegaly. Trypanosomiasis. Dengue fever. Malta fever. Yellow fever. Plague. Filariasis. Leprosy. Yaws. Beri. Beri Sprue. Cholera. Dysentery. Amæbic abscess and Mycetoma. Schistosomiasis. Bilharzia Hæmatobium. Schistosomium japonicum.

Tape-Worms.—*Toenia solium*, *Toenia mediocanellata*, *Toenia echino-coecus*, *Bothriocephalus latus*.

Thread-Worms.—*Ascaris lumbricoides*, *Oxyuris vermicularis*, *Trichocephalus dispar*, *Ankylostoma duodenale*, *Trichina spiralis*, *Filaria snaguinis hominis*, *Dracunculus medinensis*.

Fluke-Worms.

BACTERIOLOGY.

1. Introduction : General Bacteriological Methods :—

Apparatus. Microscope. Micrometer. Dark-ground illumination. Sterilisation and disinfection. Cultivation of bacteria. Anærobic cultivation ; various methods.

2. General Characters of Micro-organisms.

Classification and Morphology.

Biology of Bacteria. Multiplication : Sporulation. Motility. Aerobiosis. Anærobiosis. Saprophytes and Parasites. Fermentation. Putrefaction. Bacterial products and Pathogenesis.

3. Study of Specific Infective Bacteria.

Pyogenic bacteria. Staphylococci. Streptococci. Pneumococcus. Meningococcus. Gonococcus. Allied pyogenic organisms. Bacilli of Colon-Typhoid and Dysentery Group. Agglutination reactions. Cholera and allied vibrio. Anthrax and *B. Subtilis*. Diphtheria. Preparation of anti-toxin. Diphtheroid organisms. Bacilli of Hæmorrhagic-septicæmia. *B. pestis*. Rats and rat fleas. Anti-plague vaccine.

Influenza. Whooping Cough. Malta fever.

Anærobic bacteria. Tetanus. Antitetanic serum. Allied organisms.

Acid-fast bacilli. Streptothrix. *B. Tuberculosis*.

B. lepra and *B. Mallei* Actinomyces.

Blastomycetes and Hypomycetes. Spirillar disease.

Protozoa.—Amœba coli, Entamœba histolytica. Trypanosoma. Malarial parasites, Terponema pallidum and Leishman's bodies.

(Filterable viruses. Measles. Scarletina. Hydro-phobia. Rabies and Anti-rabie inoculation. Small-pox and vaccinia.)

4. Immunity.—

Infective process, Natural immunity, Artificial immunity, Vaccines. Theories of immunity. Anti-toxins. Antisera and Wassermann reaction and its modification Bactriolysins, Agglutinins, Precipitins and Haemolysins.

5. Micro-organisms in Air, Dust, Soil, Sewage-water and Food.

6. Disinfectants.—

7. Practical Course. —

Technique of collection and examination of morbid materials such as—blood, gastric and intestinal contents, urine, pus, sputum and exudates. Examination of Tumours.

HYGIENE.

1. Water.—Sources—Collections, Distribution and storage—Chemical composition—Properties and impurities and their effects on health—Purification without filtration and with filtration—Filter beds and domestic filters. Collection of samples for analysis—Chemical, Microscopical and bacteriological examination. Physical.

2. Air.—Composition and physical properties of air—Impurities, their sources, and effects on the general health—Examination—Kata thermometer.

3. Ventilation.—Amount of air required—Theory and Practice of Ventilation—Purification of air—Examination of Ventilation—Heating and cooling of dwellings.

4. Occupational Disease and Offensive Trades.—Lead, Mercury, Phosphorous, Arsenic, etc. Offensive trades and their effects on health—Nature and regulation of such trades—Slaughter-houses.

5. Soils. —Soil water-Origin and varieties of soil—Features influencing climate and health—Diseases arising from soil.

6. Sites and Buildings: Selection of sites for building—lodging house—huts. Principles and rules regulating the sanitary construction—cowsheds and stables.

7. Food.—Classification—Nature—and uses of food-stuffs—Quantity required—Relative Value—Cooking—Diseases connected with food—Vitamines—Preservation of food—Deficiency diseases.

8. *Vegetable Food-stuffs.*—Cereals—pulses—roots and tubers green vegetables—fruits and nuts—sugar—honey and C.
9. *Animal food.*—Inspection of animals—Characteristic features of good and bad meat—Diseases produced by unwholesome meat.
10. *Milk.*—Comparison—Preservation—Diseases produced by—Preventive measures.—Adulteration—Improvement of Milk Supply—Ghee.
11. *Beverages and Condiments.*—Non-fermented and fermented drinks—Condiments.
12. *Diet in India.*—Standard vegetarian diet—Food and physical development—Physiological effects—Daily diet.
13. *Refuse.*—Collection, Removal and Disposal.
14. *Sewage.*—Collection, Removal and Disposal—Advantages and disadvantages of different systems—Analysis.
15. *Disposal of the dead.*—Cremation—Burning—Earth burial—Different methods adopted.
16. *Personal Hygiene.*—Habit—Cleanliness—Clothing—Eating—Drinking—Smoking—Sleeping—Principles as regards exercise and rest—Calculation of work done—exercise.
17. *Climate and Meteorology.*—Varieties, causes and effects of climate—Acclimatization—Temperature—Atmospheric pressure—movements of wind, etc.—Thermometer—Barometer—Hygrometer—Rainfall
18. *Infection and Carriers of Infection.*—Infection—Incubation—Bacteria—Modes of Infection—Insects—Mosquitoes—Sand Fly, etc.
19. *Animal Parasites.*—Cestoda—Nematoda—Hookworm—Filaria, etc. Guinea-worm.
20. *Restraint of Infection.*—Notification—Isolation—Quarantine—Disinfection—Immunity—Vaccination—and methods.
21. *Preventable Infectious Diseases.*—Malaria—Kala Azar—Enteric Fever—Plague—Cholera—Diphtheria—Tuberculosis—Small-pox, etc.
22. *Medical Inspection of Schools.*—Scope and Nature of medical inspection—Duties of Medical Inspectors—Methods of inspection.
23. Maternity and child welfare. Protection of Motherhood.—Ante and Post natal period—Child welfare centre—Health Visitors—Midwifery service.
24. *Vital Statistics.*—Importance—Estimation of population—Birth and Death rates—Registration of vital events—Infant mortality, their causes and prevention—Death certificates—Occupation and mortality—Special death rate—Marriages.

25. *Sanitation of fairs and Religious festivals.* Accommodations—Medical and Sanitary arrangements—Water-supply—Conservancy—Food supply.

26. *Village Sanitation*—Education—Water-supply—Conservancy—Water-borne diseases.

27. *Practical Demonstrations.* Hygiene Models and charts—Water Analysis—Examination of milk and its adulterants—Microscopic examination of different starches, cotton, wool, silk fibres—Slaughter-houses Filter Beds Observatory Vaccination—Isolation Hospital.

FORENSIC MEDICINE.

Part I.

1. *Introduction.*

2. *Identification of the living* including anthropometry, finger prints, personal markings and estimation of age.

3. *Identification and Examination of the Dead* with estimation of age and determination of sex.

4. Autopsy for medico-legal purposes and exhumation.

5. *Medico-legal relations of death* modes of dying—syncope, asphyxia and coma, sudden death; classification of the causes of death for legal purposes.

6. *Signs of Death*—Molecular and Somatic death, inconclusive and certain signs of death.

7. *Different forms of decomposition* in the dead.

8. *Conditions resembling death*—Syncope, trance, partial asphyxia, premature burial and cremation.

9. *Death by drowning*.—Suffocation, Hanging, and Strangulation.

10. *Death by burning*—Sunstroke and Electricity.

11. *Death from cold and from starvation.*

12. *Wounds and Mechanical Injuries* including examination of blood and other stains.

13. *Wounds of special regions* of the body with their causes and effects.

14. *Sexual offences* including abnormalities of the generative organs, impotence and sterility. *Rape and unnatural offences.*

15. *Pregnancy and legitimacy* including conception, signs of pregnancy, duration of gestation and superfetation.

16. *Criminal Abortion.*

17. *Birth and Infanticide* including live and dead birth, infanticide and post-mortem examination of a newly born infant.

18. *Different forms of Insanity* and other abnormal states of the mind, examination of lunatics, medical certificates for lunacy and methods of placing lunatics under restraint. Hypnotism, Somnambulism and feigned insanity.

19. *Medical Examination* for attendance at court, damages, feigned diseases, etc.

20. Legal and moral obligations of the medical man including registration of birth, certificate of death, dying declaration, notification of diseases, malapraxis, professional secrecy, etc.

21. Evidence of the medical man and procedure in the courts.

Part II.

(TOXICOLOGY)

1. General facts regarding poisons with diagnosis of poisoning. Principles of treatment, separation of poisons and their classification.

2. *Corrosive Poisons.*

3. *Irritant Poisons* (Metals and non-metals).

4. *Gaseous Poisons.*

5. *Poisonous Carbon Compounds.*

6. *Poisons of Vegetable origin.*

7. *Poisons of animal origin and Mechanical poisons.*

MEDICINE.

Introduction.—Definition of Disease—Infection, etc.

Pyrexia.—*Infectious diseases : Specific Fevers.*

Diseases of the organs of Respiration, Nasophranyx—Larynx—Trachea—Bronchi—Lungs and Pleura.

Diseases of the circulatory System. Abnormalities of Heart beat—Diseases of the Endocardium—Myocardium and Pericardium—Diseases of the Blood vessels.

Diseases of Alimentary System—Mouth—Tonsils—Pharynx and Salivary Glands—Oesophagus, Stomach and Intestines, Liver—Pancreas and Peritoneum.

Diseases of the Blood—Spleen and Lymphatic System.

Diseases of the Endocrine Glands -Thyroid and Parathyroids, Thymus - Suprarenals -Pituitary Pineal and Pancreas.

Diseases of the Urinary System The Urine, Kidneys--the inflammations, degenerations, and Tumours.

Diseases of the Nervous System -Cerebro-Spinal Nerves—Spinal Cord —Medulla Oblongata -Brain -Sympathetic System—Psychopathies.

Diseases of the Muscles.

Diseases of Bones and Joints.

Chronic Intoxications Alcohol Lead Arsenic Mercury.

Disorders of Nutrition and metabolism- Gout Rickets—Scurvy --Beriberi, etc.

Skin Diseases.

SURGERY

Part I.

Wounds -General Consideration Classification of wounds -The treatment of wounds General considerations regarding aseptic technic -Technic of cleansing the surfaces of the body, Sterilization of mucous membranes Sterilization of dressing wipes, gowns, etc. The Sterilization of suture and ligature material Water and cleansing solutions The Operating room -The Aseptic Operation General and local Anesthesia, Plastic Surgery.

Part II.

Infections of wounds and surgical Infectious diseases. General considerations regarding wound infections The local disturbances in wound infection Hypersusceptibility and Anaphylaxis Fever --Pyogenic Micro-organisms Examination of blood and wound secretions, etc., in connection with surgical infections Entrance ports of Pyogenic infections Pyogenic infections and their treatment -Pyogenic infections of the various tissues General Pyogenic infections with Metastases (Metastatic infection) - The Putrefactive infections --Poisoned wounds -Rabies -Lyssa, Hydrophobia -Tetanus Diphtheria Anthrax -Glanders -Malleus --Actinomycosis -Madura Foot Blastomycosis Sporothrichosis --Tuberculosis -Leprosy --Syphilis --Scleroma--Botryomycosis

Part III.

Necrosis.—Necrosis—General Considerations—Necrosis due to trauma—Necrosis due to pressure, constriction, strangulation and torsion—Necrosis from thermal and chemical causes—Necrosis from embolism and thrombosis—Necrosis due to chronic diseases of blood vessels—Necrosis of neuropathic origin.

Part IV.

Injuries of the soft parts, of bones and joints and their treatment.

Injuries—Mechanical injuries of the different tissues. Dislocations—Injuries to the Osseous system—Special fractures—Dislocation of the Vertebræ—Operations on bones and joints—Amputations—Gunshot wounds—Chemical injuries, Thermal injuries—General effects of injury—Delirium Tremens—Fat Embolism—Traumatic Diabetes.

Part V.

Surgical diseases other than infections and tumors. Surgical diseases of the skin—Diseases of muscles and tendons—Diseases of tendon sheaths and bursæ—Diseases of the blood and lymph vessels—The ligature of Arteries in their continuity—Diseases of peripheral nerves—Diseases of joints—Diseases of bones.

Part VI.

Tumors.—Definition and classification—Etiology of tumors—Form, growth and clinical significance of tumors—The diagnosis of tumors in general—The treatment of tumors in general—The special tumors—Lipomata—Chondromata—Angiomata—Sarcormata.—Tumors composed of muscle—Rhabdomyomata—Tumors composed of nerve elements—Gliomata—Tumors developing from epithelium—Carcinomata—Malignant—Chorionic Epithelioma—Endothelial tumors—Mixed tumors—Teratoid tumors—Teratomata.

Part VII.

Cysts. (excluding cystic tumors).—Cystic other than cystic tumors.

Part VIII.

Surgery of Deformities.—Congenital deformities—Malformations, developmental deformities and softening of the bones—

Congenital luxations and contractures—Torticollis—Kyphotic anomalies of posture—Deformations of the upper extremity—Deformities of the lower extremities.

Part IX.

Regional Surgery of the spine.—General surgical conditions—Spina Bifida—Spondylitis—Injuries of the Spinal Cord—Spinal tumors—Surgery of the spinal roots—Laminectomy—Chordotomy.

Part X.

Surgery of the head.—The scalp—Surgery of the brain, its membranes and vessels—Contusions and wounds of the brain—Traumatic meningitis—Hernia of the brain—Abscess of the brain—Thrombosis of the intracranial sinuses—Epilepsy and its surgical treatment—Mental diseases following cranial injuries and the surgical treatment of mental diseases. The surgical treatment of brain tumors—The surgery of the Hypophysis Cerebri—the technic of trephining—Brain puncture, Resection of the skull, Craniectomy, Cranioplasty and Duraplasty—Craniocerebral Topography—Surgery of the ear.

Part XI.

Surgery of the face.—Congenital Malformations—Injuries of the face—Plastic surgery of the face, Neuralgias of the head—Surgery of the salivary glands—Diseases of the teeth and of the gums—Tumors of the jaws—Surgery of the Nose and its Accessory sinuses—Surgery of the mouth—Surgery of the Pharynx.

Part XII.

Surgery of the neck.—Malformations of the neck—Injuries of the neck—Diseases of the neck—Tumors of the neck—Surgery of the larynx and trachea—Wounds of the larynx and trachea—Foreign bodies in the air passages—Inflammatory diseases, stenoses, and neuroses of the larynx and Trachea—Tumors of the larynx, trachea, and primary bronchi—Operations on the air passages—Surgery of the Thyroid gland.

Part XIII.

Surgery of the Thymus gland.—Diseases of the Thymus Gland.

Part XIV.

Surgery of the Esophagus.—Examination of the Esophagus.

Part XV.

Surgery of the Thorax.—Injuries and diseases of the thoracic wall.—Pneumothorax.—Penetrating wounds of the thorax.—Surgery of the lung.—Operations on the thorax.—The Diaphragm.—Surgery of the Pericardium and heart.—Surgery of the breast.

Part XVI.

Surgery of the Abdomen.—Surgery of the abdominal wall.—Surgery of the Peritoneum.—Operations on the stomach and intestines.—Injuries of the stomach and gut, foreign bodies.—Gastric and Intestinal Fistulae.—Methods of examining the stomach and gut.—Pyloric stenosis, Hourglass stomach, Congenital anomalies of the stomach.—Ulcer of the stomach and Duodenum.—Tumors of the stomach.—Surgery of the intestines.—Ileus.—Appendicitis.—Perityphilitis Gernia.—Surgery of the liver.—Surgery of the spleen.—Surgery of the Pancreas.

Part XVII.

Surgery of the Rectum and the Anus.—Anatomical considerations.—Malformations of the Anus. Foreign bodies in the rectum.—Fissura ani.—Spasm of the Anus.—Periproctitis, Fistula in ano.—Narrowing of the Rectum. Strictures of the anus.—Hæmorrhoids.—Prolapse of the rectum.—Tumors of the anus and rectum.

Part XVIII.

Surgery of the female organs of generation.—Congenital and acquired malformations.

*Part XIX.**Surgery of the Genito-Urinary System.*

Surgery of the kidneys, ureters and suprarenal glands. Surgery of the bladder.—Surgery of the Prostate (Glandula Prostata-tida).—Surgery of the penis and urethra.—Surgery of the testicle and spermatic cord.

MIDWIFERY.

The Pelvis.—Importance of study.—Functions.—Inclination.—No. of bones.—Difference between male and female.—False and true.—Planes.—Axes.—Measurements.—Articulations.—Pelvis in infancy.—Development.

2. Development of genital Organs Structure of ovary—Structure of Graafian follicle Corpus Luteum—Menstruation—Ovulation—Fertilisation.
3. Early development of the ovum Changes in the Uterus . Formation of decidua
4. Further changes in the ovum -The Liq Amni its functions- the allantois.
5. Formation of the Chorion and the Placenta Full grown placenta and its functions Demonstration Umbilical cord
6. Development of the Fœtus -Circulation of the fœtus Fœtal head -Diameters. Show early specimens of fœtus.
7. Attitude-lie presentation position causes of head presentation- change in maternal organism
8. Size of uterus at periods of pregnancy changes in the Cervix changes in the breast changes in the nervous system.
9. Diagnosis of pregnancy Symptoms signs differential diagnosis duration of pregnancy calculation of dates.
10. Hygiene of Pregnancy Antenatal care management of Pregnancy.
11. Labour causes which determine it Contractions- Retraction- polarity of uterus causes of pain premonitory symptoms stages of labour.
12. Mechanism of labour magnitude of force vertex presentation positions movements lateral obliquity Syncliyism moulding.
13. Diagnosis of positions Abdominal palpation vaginal examination -third stage of labour duration of labour.
14. Management of normal labour maternal and foetal mortality -Anaesthetic -Twilight sleep.
15. Face presentation frequency causes varieties diagnosis--brow presentation causes treatment of face and brow.
16. Pelvic presentation -causes positions mechanism diagnosis—prognosis- management.
17. Multiple pregnancy -Binocular and Uniovular twins - Triplets- -acardiac monsters double monsters- diagnosis- management.
18. The puerperal state involution of uterus lochia afterpains--colostrum- -diagnosis of puerperal state Diagnosis of Parity.
19. The new born infant -changes in circulation after birth--management of puerperal state.
20. Ectopic gestation --varieties-causation- Tubal Fœtation --Tubal abortion--Tubal rupture intra-ligamentous fœtation-- Secondary abdominal—pregnancy in rudimentary horn,

21. Ectopic gestation—formation of decidua in uterus—expulsion of cast—symptoms—diagnosis—prognosis—treatment.
22. Disorders of pregnancy—classification—toxæmias—Hyperemesis gravidarum—pernicious vomiting—acute yellow atrophy of liver.
23. Nephritic toxæmia—pre-Eclamptic toxæmia—diagnosis—symptoms—treatment.
24. Eclampsia—frequently—mortality—urine-clinical history.
25. Pathological changes—causation—prognosis—treatment—presumably toxæmia.
26. Displacements—congenital malformation of uterus and vagina—antiversion and flexion—retroversion and flexion—Incarceration with retention of urine—prolapse of uterus and vagina.
27. Diseases of decidua and ovum—endometritis—hydrorrhœa. gravidarum—anomalies of placenta—carneous mole—blighted ovum—symptoms, diagnosis—treatment.
28. Diseases of decidua and ovum—vesicular mole—symptoms—diagnosis—treatment—hydropasmnii—anomalies of funis and foetus—retention of dead foetus.
29. Accidental complication of pregnancy—heart and lung diseases—pyelonephritis—jaundice—haemorrhages—tumours—Malaria.
30. Premature expulsion of the ovum—classification—abortion—mechanism—causes—symptoms—incomplete abortion—diagnosis—prophylaxis—treatment.
31. Antipartem haemorrhage—varieties—placenta previa—varieties—causes—symptoms—diagnosis—treatment.
32. Accidental haemorrhage—causes concealed variety—symptoms—diagnosis—prognosis—treatment.
33. Precipitate labour—prolonged labour—causes—primary uterine inertia—secondary uterine—tonic contraction of the uterus—treatment.
34. Dystocia from anomalies of soft parts—trismus uteri—organic rigidity—diagnosis—treatment—satresia cervix—organic rigidity—diagnosis—treatment—atresia cervix—cancers cervix—displacement of tumours—complicating labour—distended bladder—Hæmatoma.
35. Transverse presentation—varieties—causes—diagnosis—natural terminations—neglected cases—treatment.
36. Complex presentations—dorsal displacement of arm—locked twins—foetal monstrosities—conjoined twins—varieties—anencaphalic—hydrocephalic foetus.

37. Contracted pelvis—forces of growth and development—pelvis at birth—common forms of pelvic contraction—diagnosis—pelvimetry—P. V. examination—results of contracted pelvis.

38. Contracted pelvis—classification—small round pelvis—mechanism—flat pelvis—mechanism—Rare forms of flat pelvis,

39. Effects of pelvis contraction on labour—treatment of contracted pelvis.

40. Rare forms of pelvis deformity—Triradiate pelvis—Osteomalacia pseudo malacosteon—oblique pelvis—varieties—diagnosis—treatment.

41. Transversely contracted pelvis—Roberts—Kyphotic—Mechanism of labour—High and low assimilation pelvis—Spondyloisthetic pelvis—Exostosis—treatment.

42. Induction of premature labour and abortion—indications—methods—care of child—Incubator—artificial abortion—precaution—methods—choice of time.

43. Extraction of foetus in pelvic presentations—Impacted breech—causes of impaction—indications for interference—delivery of trunk—liberation of arms—Traction on head—Prague method—jaw traction—injuries to fetus.

44. Instrumental labour—Instruments—demonstration—forceps—varieties—application—indications—Anesthesia.

45. Version—cephalic—podalic—bipolar—indications—Craniotomy—indications—method—Instruments—Cranioclasm—version after craniotomy—perforation of after coming head—Embryotomy.

46. Cesarian section—varieties—indications—choice of time—preparation—Technique—Vaginal cesarian section—Symphysiotomy—indications—dangers—preparations—external—subaneous—Hingston's method—Pubiotomy.

47. Accidents during labour—rupture of uterus—causes—Traumatic rupture—symptoms—diagnosis—prophylaxis—treatment—Incomplete rupture—symptoms—perforation of uterus.

48. Laceration of cervix—Laceration of vagina and perineum—prevention—suture—laceration vulva—rupture symphysis pubis—prolapse of funis—diagnosis—prognosis—treatment—Inversion of uterus—causes—symptoms—treatment.

49. Retention of placenta—causes—adhesion of placenta—diagnosis—prevention—treatment.

50. Post partem haemorrhage—source—causes—symptoms—prophylaxis—treatment—secondary post partem haemorrhage.

51. Puerperal fever—Bacteria—Exciting and predisposing causes—varieties—Toxaemia—Septicemia—Pyæmia—lesions—prevention—symptoms—treatment.

52. Embolism and Thombosis—Sudden death after delivery
—Chorion Epithelioma.

53. Puerperal Insanity.

54. Injuries and diseases of the foetus—Asphyxia Neonatorum
—Ophthalmia Neonatorum—disorders of lactation—Deficient secretion
—Galectorrhœa—Sore nipple—Abscess breast.

GYNÆCOLOGY.

1. Anatomy of the female generative organs.
2. Menstruation—case taking—examination—Major and Minor Gynaecology—Hysteria—Neuresthenia.

3. Cardinal symptoms—Haemorrhage—pain—discharge—painless menstruation—Dyspareunia—Sterility.

4. Dysmenorrhœa—Vicarious menstruation—Amenorrhœa—primary—secondary—partial—complete.

5. Displacements—normal position mobility—structure of pelvic floor—Backward displacement.

6. Prolapse—types—cystocele—Rectocele—degrees—causes—symptoms—diagnosis—treatment.

7. Inversion—acute—chronic—Endometritis—varieties—cervical endometritis.

8. Subinvolution—laceration cervix—Exfoliative and senile endometritis—chronic mastitis.

9. Fibro-Myomata—clinical features—diagnosis—secondary changes.

10. Fibro-Myomata—axial rotation—malignant changes—displacement of viscera—pregnancy complicating—treatment—adenomata.

11. Malignant tumours of the uterus—cancer cervix—sites—spread—types—diagnosis—treatment.

12. Cancer of body of uterus—Sarcoma—Chorionic Epithelioma—clinical feature—diagnosis.

13. Diseases of ovaries—Neuralgia—hernia—displacement—haematoma—tumours—classification—cysts—cyst adenomata—structure.

14. Papilliferous cysts—ovarian cancer—primary—secondary—fibrous tumours—Sarcoma—Endothelioma.

15. Teratomata—Cysts—Solids genesis.

16. Dermoids—contents—clinical features—Parovarian cysts—Cysts of Gærtner's duct.

17. Axial rotation—infection—rupture—adhesions—clinical features of ovarian cysts—diagnosis—treatment.

18. Congenital abnormalities of Fallopian tubes—tumours—pelvic inflammation—terms—causes—changes in the tube—spread of inflammation.

19. Parametritis—Perimetritis symptoms—diagnosis—Chronic cases—results of inflammation—examination—Differential diagnosis—treatment.

20. Gonorrhœa—mode of infection—spread—symptoms—diagnosis—Tubercle of Fallopian tubes, of cervix—Actinomycosis.

21. Diseases of the vagina and vulva.

22. Tumours—cysts—disease Bartholinian gland Carbuncle urethra.

23. Malformation of uterus—Hermaphroditism—vesico-vaginal fistula.

24. Operations—major—minor—preparation—position—technique.

DISEASES OF INFANCY.

1. Care of the new born infant Training Care of premature and delicate infants.

2. Growth and development Dentition Peculiarities of Symptomatology and diagnosis.

3. Examination of children - Lavage - Gavage—Irrigation of bowel—Dosage.

4. Diseases of the newly born—Asphyxia Jaundice—Atalactasis.

5. Acute infective diseases - Omphalitis. Ophthalmia neonatorum Tetanus Winckel's Disease Buhl's Disease.

6. Skin Diseases Haemorrhages Birth paralysis—Tumours of the Umbilicus.

7. Infant feeding -Breast feeding Diet of nursing mother—bottle feeding—Composition of human milk—Composition of cow's milk Pasteurising milk.

8. Preservation of milk Proprietary Foods—Goat's milk.

9. Artificial food—Modification of milk -Care of feeding bottle—Character of normal stools.

10. Nutritional disturbances daily weights chart—Disturbances of balance—Failure to gain Food tolerance—Diagnosis—Treatment.

11. State of dyspepsia—Symptoms—Treatment—Decomposition—Chronic Malnutrition Treatment—Intoxication cholera infantum.

12. Coeliac disease Constipation Diarrhoea—Simple—Febrile Ileo colitis—Diagnosis—Treatment.

13. Deficiency Diseases—Vitamins—Infantile scurvy—Symptoms—Treatment—Morbid anatomy.
14. Rickets—Pathogenesis—Dietetic theory—Environmental Infective theory—Calcium metabolism.
15. Rickets—Symptoms—State rickets—Prognosis—Prophylaxis—Treatment.
16. Convulsions—Causes—Symptoms—Treatment—Malaria in infants.
17. Spasmodic croup—True croup—Laryngismus stridulus. Diseases of the respiratory system.
18. Tetany—Encephalitis lethargica—acute anterior poliomyelitis.
19. Hypertrophic—stenosis of the Pylorus in infants.
20. Hydrocephalus—Meningitis.

OPHTHALMOLOGY.

History of Ophthalmology.

Eye-ball : its surrounding structures and accessories.

Eye-ball: its tunics and contents, structures of Cornea, Sciera, Choroid Ciliary body, Iris and Retina.

Refracting media of the eye-ball—Aqueous Humour—Lens and Vitreous.

Eye-lid, lachrymal apparatus 2, 3, 4 and 6th cranial nerves.

Dioptrical consideration in healthy eye “ Refraction in a biconvex lens—Refractive Index.”

Image formation : optical defects of normal eye.

Quality of visual sensation, colour vision, colour fusion, binocular vision.

Perception and judgment of solidity, judgment of distance and size.

Visual acuity : distant vision, near vision. Snellen's test type letters and gaeger's. Field of vision, Perimetry, Pathological alteration in field of vision.

Ophthalmoscope. Direct and indirect method of examination.

Retinoscope—Method of examination.

Diseases of eyelid : Blephritis Hordeolum Chalazion, Trichiasis, Entropion.

Ectropion Ptosis, injuries and tumours, etc.

Diseases of Lachrymal apparatus : Epiphora, acute and chronic, Dachryocystitis and adenitis, Excision of lachrymal sac.

Diseases of structures surrounding the eye-ball : orbital periostitis, Cellulitis Tenonitis. Exophthalmos. Enophthalmos Pulsating Exophthalmos.

Anucleation of eye-ball, eviceration, artificial eyes.

Diseases of conjunctiva, Catarrhal, Purulent.

Membranous, Granula, Phlyctenular.

Conjunctivitis Symblepharon Ptyregium.

Diseases of Cornea. Common and uncommon forms of Keratitis, Ulcers, Keratoconus Opacities, etc.

Diseases of Iris, Selera, Ciliary body, Choroid :

Iritis, Prolapse, Iliedectomy, Staphyloma, Simple, Purulent, and Plastic Cyclitis choroiditis, Glaucoma, Primary, Secondary, Congenital, Trehining operation.

Diseases of lens. Varieties of cataract of treatment and operations, Aphakia.

Diseases of Retina inflammation, Vascular. Pigmentary Retinitis, Tumours, Glioma.

Diseases of Optic nerve, Intra-ocular and retrobulbar optic neuritis.

Functional diseases of Retina, Amblyopia and Haemianopsia. General optical principles, Prisms, refraction by Prisms numbering of Prisms, Lenses, spherical, cylindrical, concave and convex. Numeration and Neutralization of lenses.

Trial cases of lenses. Spectacles, eyeglasses.

Measurements for glasses and frames and prescription writing for glasses.

Errors of refraction, Ametropia. Hypermetropia etiology subjective and objective symptoms treatment.

Myopia, symptoms, treatment.

Astigmatism, simple, compound, irregular and regular tests and treatment.

Anamolies of accommodation, presbyopia, cycloplegia.

Errors in extrinsic ocular muscles. Diplopia. Paralysis, Divergent squint, Convergent squint.

Maddox Rod, Orthophoria, Heterophoria.

Operations on extrinsic muscles. Advanced Tentomy.

Mydriatics and cycloplegia.

Anæsthesia of eye, local and general.

Therapeutics of eye.

Instrumentology of eye.

Symptomatology of eye.

Bacteriology and vaccine Therapy of eye.

Practical Pathology, Preparation and staining of sections of eye and methods of preserving the eye specimens.

Preparing and nursing of eye cases. Dressing and other necessary materials for eye cases. Case taking.

FACULTY OF ENGINEERING.

B. E. Examination.

PURE MATHEMATICS.

(1st Year).

Algebra.—Binomial theorem and its applications, Determinants, Partial Fractions. Exponential and Logarithmic series, Summation of series : tests on convergence and divergence of series. Interest and annuities, Probabilities. Approximate solution of equations by Hermer's method.

Trigonometry.—Solution of triangles. Practical use of Logarithms. Natural Logarithms. De Moivres Theorem Adaptation of formulæ to Logarithmic computation. Circular and Hyperbolic functions and their expansions.

Mensuration.—Plane and Solid.

Analytical Geometry.—Properties of and problems on the Straight line, the Circle, the Ellipse, the Parabola and the Hyperbola by Cartesian and Polar co-ordinates.

Solid Geometry.—Elementary Euclidean Methods.

CALCULUS.

Differential Calculus.—Fundamental notions with geometrical and mechanical applications. Theorems of Taylor and MacLaurin. Partial differentiation. Euler's Theorem. Maxima and Minima of functions of a single variable.

Integral Calculus.—Integration of standard forms. Calculation of curve lengths and areas. Integral as the limit of a sum as an area. Volumes and surfaces of solids of revolution.

2. APPLIED MATHEMATICS.

Statics.—Concurrent and parallel forces, moments, couples, equilibrium of forces in a plane, Virtual work, Simple machines, the Pulley, the Wheel and Axle, the Differential Pulley, the Screw, the Balance, the steel yard. Stable and unstable equilibrium. Equilibrium of strings and chains. The parabolic chain. The catenary. Forces in three dimensions—Composition and resolution and simple problems.

Hydrostatics.—Transmission of fluid pressure. Thrust on a plane area. Centres of pressure. Resultant thrust on any

surface. Equilibrium of floating bodies. Stability. Metacentre. Hydrometers. The general phenomena of capillarity, elevation and depression. The principles underlying the action of the Suction Pump, the Force Pump, the Syphon, the Hydraulic Press.

Kinematics..—Displacement in one plane. Translation and rotation. Relative motion. Instantaneous centre of rotation. Composition and resolution of displacement. Velocities and accelerations. Rotation of a rigid body.

Kinetics..—Equations of motion, momentum, work, power, and energy. Simple harmonic motion in a straight line or a curve. Pendulums, simple and compound. Impact. Moment of inertia. Radius of gyration.

3. SURVEYING.

Surveying..—Use and adjustment of surveying instruments. Theory of levelling; simple and compound, check and reciprocal levellings. Various causes of errors. Customary causes of errors in levelling. Elimination of such errors. Customary limits of errors. Methods of keeping various styles of field book. Use of boning rods. Chain Survey. Chain and compass survey. Theodolite traversing by Gale's traverse system for city and town improvement surveys. Traverse tables. Theory and use of simple plane tables, tangent clinometers. Theory and use of stadia. Three point problems of plane tabling. Finding values of position by observing three known points. Computation by rectangular co-ordinates with convergency correction. Contouring. Longitudinal and cross sections run with a level. The general principles of alignment of tunnels: railways, canals and roads. Simpson's rule for cuttings and bankings. Discussions on the latest patterns of instruments.

4. ELASTICITY AND STRENGTH OF MATERIALS.

(1st Year).

Moduli of Elasticity; elastic limit, yield point and ultimate strength, resilience and fatigue. Strain beyond elastic limit. Poisson's ratio. Relations between the elastic constants; elementary principles of elasticity applied to the problems of bending, shearing and torsion. Strength of beams and girders, Factors of safety. Deflection.

5. BUILDING CONSTRUCTIONS.

(1st Year).

(a) *Materials.*

Stone.—Characteristics and preparation. Varieties of Indian and European stones and their suitability to Engineering works. Methods of quarrying. Use of compressed air and steam rock drills. Explosives used for blasting. Absorption of water. Densities and crushing strength.

Bricks and Tiles.—Different classes of bricks and their distinguishing qualities. Suitable clays.

Methods of manufacture of bricks and tiles. Objectionable ingredients in clays. Soundness and hardness. Uniformity of quality and size. Absorption of water. Weight and crushing strength. Terra Cotta. Stoneware pipes.

Cements, Limes and Mortars.—Sources of supply. Process of manufacture. Varieties of limes and cements. Tests for limes and cements ; precautions necessary in their use.

Clay Puddle.—Methods of making and placing in situ.

Metals.—Iron and steel ; varieties and suitability for use ; copper, zinc, lead, tin, and other common metals and their alloys.

Timber.—Felling and seasoning. Classification and properties of Indian and European woods. Preservation of timber against rot and attack by insects. Varieties of timber used in construction for different purposes and under varying conditions ; characteristics of sound timber ; density, tensile and crushing strength of different varieties of timber.

(b) *Construction.*

Foundation.—Natural and various kinds of artificial foundations, such as piles, wells, and tubular foundations ; reinforced concrete rafts, etc. Cofferdams ; Caissons ; cast iron Cylinders ; curbs.

Stone Masonry.—Rubble masonry, block in course ; ashlar of various sorts ; proper bedding of stones ; proportion of bond stones ; safe loads, keyed, Joggle, and lock joints ; dowels ; plugs ; keys ; cramps ; methods of lifting ; scaffolding.

Brick Masonry.—Types and their uses ; object of bond, and various methods by which it is attained ; closers ; bedding ; moisture : scaffolding ; plastering ; pointing ; coping ; cornice ; blocking

course ; parapet ; carbel ; lintel ; reveal ; sill ; footing drip course ; pise walling ; grouting ; racking back ; hollow masonry ; reinforced brick work ; fixing of timber to walls.

Plastering.—Materials ; plastering mixtures ; stucco ; plane and rough cast ; fibrous plaster, ornamental plaster.

Arch work.—Centring and timbering—segmental, elliptic, 3 & 5 centred, pointed, ogee and horse-shoe, skew, hogback and stilted arches ; domes and vaults ; buttresses ; abutments ; striking centres.

Carpentry and Joinery.—The cutting up of logs for various purposes : shrinkage of timber ; joining of timbers to resist various stresses ; guiding principles for forming joints ; wedges, keys, pins and spikes, etc.

Flat, Couple, Collar, Verandah, king and queen posts roofs.

Reinforced Concrete.—Fundamental principles governing the use of two materials in combination. Selection, compounding and testing materials employed. Regulations for reinforced concrete buildings.

6. EARTH-WORK AND FIELD ENGINEERING.

Earth-work. Definitions. Contracts. Stability and properties of soils. Measurements and setting-out. Instruments used. Section and volumes. Drainage. Puddling. Consolidation. Dressing and turfing. Rates, lift and lead.

Field Engineering. (i) *Use of Spars.*—Various knots and lashings and the suitability of each to certain circumstances. Coiling and handling of ropes. Blocks and tackle. Receiving of blocks. Use of handspikes and rollers. Holdfasts. Guys. Use and construction of derricks, shears, gins and trestles in placing girders or columns in position in building or for other similar work.

(ii) *Ground Tracing.*—General principles. Working plans for foundations on level ground and on slopes. Trenches with vertical and with sloping sides. Laying out buildings on the ground and similar practical instructions.

7. PHYSICS.

Revision of the I. Sc. course in physics with an advanced treatment of certain parts with reference to practical application.

Heat.—Calorimetry with radiation corrections. Critical temperature. Hygrometry. Determination of J. Adiabatics and Isothermals. Pyrometry.

Light.—Photometry. The direct reflection and refraction of small pencils at plane and spherical surfaces. Passage through a lens. The Telescope and the Microscope. The Achromatic lens. Polarisation.

Acoustics.—General laws relating to production of velocity of sound, pitch, intensity, and quality of a note, interference, echo, reverberation, and absorption.

Electricity and Magnetism.—Electric charge. Potential and capacity of condensers. Discharge current. Quadrant Electrometer. Dry cells, secondary batteries and behaviour in charging and discharging. Electromagnetic induction. Self-induction. Induction coil. Elementary description of D. C. and A. C. dynamos and motors. Electric measuring instruments including Wattmeters. Magnetic properties of iron and steel Hysteresis. Definition of magnetic flux. The magnetic field; direction and intensity. Methods of making magnets.

8. CHEMISTRY.

The general principles of qualitative analysis and elementary quantitative analysis. The properties and uses of certain metals and their important compounds.

The properties and composition of the common alloys, e.g., gun metal, phosphor, bronze, brass, etc. Chemical composition and analysis of fuels. Refractory materials.

Quicklime. Hydraulic lime, cements, their chemical composition and preparation.

Paints and Varnishes; preparation and use of the common pigments, etc.

Preparation of glass, soluble glass, porcelain, pottery and bricks.

The general requirements of lubricants.

Natural waters, their chemical composition, analysis, bacteriological examination and suitability for various purposes.

Preservation of structural materials.

9. DRAWING.

Plane Geometry :—Use and care of drawing instruments. Proportional division of a line. Construction of plane and diagonal scales and scale of chords. Construction of and problems relating to triangles, quadrilaterals, circles, polygons; construction of the ellipse, tangents and normals. Parabola, hyperbola, cycloids, envelope of a circle, spiral, loci,

Solid Geometry and Projections :--Principles of Projection. Projection of points and lines. Traces, inclination and true length of a line. Traces and inclinations of planes. Sections of solids. Interpenetration of solids. Simple cases of intersection and development of plane and curved surfaces, and also of cast shadows.

Machine Drawing. --Drawings of simple machine parts such as bolts, nuts, cotters, screws, studs, etc. Forms and proportions of pipes and cylinder flanges, couplings, pulley and speed cones, cranks and link work, connecting rods, eccentrics, pistons, stuffing boxes and valves.

Free-hand and Model Drawing :--Elementary instructions in careful observation and accurate sketching in pencil from sketches and drawings and also from simple models and architectural details. Elementary principles of free-hand perspective drawing, free-hand perspective views of geometrical models in simple positions.

Perspective and Isometric Drawing : - The general theory of conical projection and its application to perspective. Plan and shadows, Isometric projections and sketches.

Building Drawing : -Plan, cross-sections and elevation of buildings drawn to scale.

Making out large scale drawings of building parts involving elementary principles of architectural art.

10. WORKSHOP.

Carpentry.—Construction of hand tools and the object and methods of using them. Exercises in bench work and at the lathe.

Fitting.—Exercises in chipping, filing, scraping, screwing, and tapping. Use of scribing block, surface gauge and squares in marking out work.

Smithing.—The forge and its tools. Management of fire. Drawing taper, square and parallel work. Bending, up-setting, twisting, punching and cutting. Welding and scraping. Forging, hardening, and tempering. Soldering and brazing.

Foundry.—Moulder's tools, appliances and materials. The cupola. The brass furnace. Core-making. Bench moulding, blackening, coring finishing moulds. Vents, gates and risers. Special methods required for brass moulding. Floor moulding. Open sand work.

Machining.—Exercises in drilling and boring. Turning with hand and slide lathes. Planing. Slotting. Milling.

MATERIAL TESTING LABORATORIES.

(1st Year).

Metals.—Tests of specimens of iron, steel, cast iron, wrought iron, and various alloys in tension and compression.

Bricks, Limes, Mortars, Cements, and Timber.—Simple tests for specific gravity, absorption, strength under tension, compression, and shear for various proportions, and variation in time of setting.

11. PHYSICAL LABORATORIES.

Testing of spirit levels. Young's modulus of wires. Moments of inertia, Kater's rigid pendulum, pyrometric measurements Thermal conductivity. Mechanical equivalent of Heat. Photometry, Intensity of Illumination, Ice pail test, Wheatstone's bridge, Potentiometer, Kelvin's balance, Heating effects of currents. Electrolytic current measurements. Electro-magnetic induction.

12. CHEMICAL LABORATORIES.

Gravimetric analysis of iron, copper, zinc, calcium, magnesium silicon, carbon dioxide. Qualitative and quantitative analysis of lime, cement and clays.

Technical analysis.—Physical and Chemical tests of oils, coal and water with a view to their suitability for use for Engineering purposes.

13. FUELS AND METALLURGY.

(1st Year).

Fuels.—Classification of fuels; Solid, liquid, gaseous. Calorific values of fuels. Chemical analysis of fuels. Manufacture of charcoal. Manufacture of Coal-gas, its storage and purification. Storage of fuels. Selection of fuels for industrial purposes.

Metallurgy.—Outlines of the main metallurgical processes of the following metals, their chief uses and test:—copper, silver, aluminium, lead, tin, antimony, iron, chromium, and manganese.

Simple Metallurgical Process.—Solid solutions, hardening, annealing, tempering, alloys, brasses, bronzes, and welding of metals.

Pig iron.—Its manufacture from ores, composition and uses. Details of blast furnace and management.

Cast iron.—Composition of several kinds of cast iron and their strength in compression, tension, etc. Impurities in cast iron and their effect on sound casting and strength.

23. PURE MATHEMATICS.

(2nd Year).

Analytical geometry of two and three dimensions. - Properties of the general equation of the second degree in two variables : direction cosines of a straight line and problems thereon. Cylinder, Sphere and standard forms of second degree, surfaces.

Differential Calculus. - Tangents, normals, asymptotes, curvature. Tracing of curves from their cartesian and polar equations. Envelopes, Involutes, Evolutes.

Integral Calculus. - Double and treble integrals as applied to mass centres and moments of inertia, Planimeters. Approximate evaluation of definite integrals (Simpson's rules).

Differential equations. - Formation of differential equations ordinary and partial. Solutions of the standard forms of equations of the first order. Linear equations with constant or homogeneous coefficients. Linear Simultaneous equations in two dependent variables only. Standard forms of elementary partial differential equations.

24. APPLIED MECHANICS.

(2nd Year).

Statics, Hydrostatics, Dynamics. - Advanced treatment of the subjects taught in the first year with the help of Calculus, paying special attention to solution of Engineering problems.

25. ECONOMICS.

(2nd Year).

The data of political economy and methods by which they are studied. Relation of economic science to practice. The meaning of economic law. Demand and supply. Law of diminishing utility. Factors in production and their combination. Labour and natural agents. Increasing and decreasing returns. Capital, its influence and conditions of its accumulation. Value in relation to riches. Price, utility, and cost of production. Determinants of ratios of exchange. Element of cost. Complex problems of value. The theory of international and internal trade and its relation to home trade. The law of rent. Interest and profits. Theory of the value of money. The value of foreign bills.

26. ENGINEERING LABORATORIES.

(*2nd Year*).

Material testing Laboratory.

Metal.—Bending, torsion, shear and deflection. Ultimate strength, yield point, and elastic limit. Effect of time and repetition of load. Ball hardness test, coefficients of expansion, critical speeds of shafts, etc.

Reinforced concrete.—Tests of reinforced concrete beams and slabs and columns in tension, compression, and bending.

MACHINE TESTING LABORATORY.

(*For Mechanical Engineering Students only*).

The testing of lathes and other machine tools for determining their efficiency by the help of electrical instruments ; transmission and absorption dynamometers.

27. ELECTRO-TECHNICS.

(*2nd Year*).

Electric units. Measurements of electrical quantities Current, E. M. F., Resistance, Electromagnetic, chemical and heating effects of current. Elements of alternating currents, Transformers. A. C. and D. C. machines. Elementary theory of Dynamos and motors ; functions of their principal parts. Power transmission and distribution ; Electric lighting, Switch Board. Internal wiring for power and light. Testing for insulation. Resistance and localization of faults. Wiring rules. Electric heating apparatus. Capital and maintenance costs. Cost of wiring per unit, systems of charging for electrical energy.

28. ELECTRO-TECHNICS LABORATORIES.

(*2nd Year*).

The operation of alternating current and direct current machinery. Tests on the running characteristics. Efficiency tests. Applications of Electrical driving to industrial purposes. Transmission and conversion of Electrical Energy.

29. GEOLOGY AND MINERALOGY.

(2nd Year).

Discussion of the geological agents at work on and beneath the surface of the earth; water; forest; snow; ice; the atmosphere; chemical, mechanical and organic actions. Phenomena of earthquakes, volcanoes, elevation and depression of land. Geological functions of plants and animals.

The classification of the stratified crust of the earth; the primary, secondary, and tertiary rocks, fossils and minerals. Essential constituents of common rocks, such as limestone gneiss, micaaceous and chlorite schists; granite; svenite trachyte, pumice; sandstone; slate, laterites, etc.

Description of bedding and joints; inclination of rock; dip outercrop and strike, curvature; monocline, syncline; anticline. Nature and origin of faults, veins and dykes. Igneous rocks. Metamorphism. Ore deposits, unconformability.

Indian Geology. - Mountain ranges, plains and rivers. Distribution of alluvium, trap, and crystalline rocks. Drift of Indian coasts. River drift of the Narbada and Tapti. Alluvial plains of the Indus and the Ganges. Formation of the Laterite and Regur, and their relation to vegetation. Rocks of the Siwalik Hills, and the plioene mammalia. Nummulitic limestone and associated Tertiary strata in India. Distinctive fossils; (1) marine, and (2) terrestrial of the Tertiary period. Marine cretaceous rocks: their mineral character and fossils. Volcanic rocks of the Decean, and their interbedded deposits. The Jurassic rocks of Cutch. The lower Gondwana rocks of India. The Talechir series. The coal-fields of the Gondwana rocks and their fossil plants. The marine Trias of the North of India. Relations of secondary to primary strata in India. Carboniferous rocks of the Salt Range. Vindhyan and older stratified deposits. The Charnockite series of crystalline rocks. The gneiss and schists of South and Central India. General structure of the Himalayas.

Mineralogy. Crystal form and symmetry; division into systems; their principal characteristics; classification based upon (a) chemical composition, (b) physical properties, e.g., specific gravity, hardness, cleavage, fracture; phenomena relating to light; simple description and identification of rock forming minerals, ores, veinstones, salts and gems.

30. DESCRIPTIVE CIVIL ENGINEERING.

(2nd Year).

This course is intended for lectures on estimating, descriptive engineering, reinforced concrete works, tunnels, harbours, locks, docks, bridges, cableways, foundations, roads, railways, highways, pile driving, reclamation and dredging, etc.

31. GEOLOGICAL LABORATORIES.

(2nd Year).

The object of the Laboratory work is to acquaint the students to identify the more common ores, salts and rock forming materials by the application of simple physical and chemical tests.

32. IRRIGATION.

(2nd Year).

(1) *Well Irrigation*.—Sub-soil water reservoirs. Lined and unlined wells. Artesian wells. Duty of wells. Area irrigable from a well. Duty of water. Base of duty.

(2) *Tank Irrigation*.—Catchment area. Rainfall, Yield. Maximum run-off. Reservoirs for storage of water. Earthen dams. Masonry dams. Theory of their stability and design. Absorption and evaporation. Losses in the reservoir. Open weirs. Floodgates. Sluices. Surface shutter. Undersluices Syphon, spillways. Silt accumulations and life of reservoirs. Flood absorption capacity of reservoir.

33. WATER WORKS.

Sources of supply.—Springs, wells, rivers, lakes ; choosing the supply.

Impounding storage and service reservoirs. Intakes, settling tanks, filters, rates of filtration. Various types of Mechanical filtration. Water towers.

Rising mains, expansion joints, losses in head, valves, service tanks, house connections, meters, cisterns. General types of pumping installations used in India.

34. CIVIL ENGINEERING DESIGN. (Lecture).

(2nd Year).

This course is intended to supplement the lectures on Theory of Structures, Irrigation, Reinforced Concrete, General Engineering works. The course will include the design of masonry buildings and bridges ; steel buildings ; plate and lattice girder bridges ; steel arches ; suspension, cantilever and tubular bridges ; swing-bridges ; reinforced concreted structures ; retaining walls ; masonry dams ; aqueducts ; roof trusses ; steel and masonry chimneys ; various kinds of foundations, etc.

35. CIVIL ENGINEERING DRAWING AND DESIGN.*(2nd Year).*

The students will be expected to submit complete designs and plates of a masonry building and a steel structure.

36. MECHANICAL ENGINEERING DESIGN AND DRAWING.*(2nd Year).**(For Mechanical Engineers only).*

Advanced examples. Inking in. Shade lining. Flat washing in colour. Strip shading and soft shading. Tracing. Preparation of blue prints. Sketching. Preparation of working drawings from actual measurements of details and complete machines required in mechanical and electrical engineering. Proportional measurements and their meaning. Calculations of the proportions of machine details from given rules. Design of some simple machine.

37. LECTURE ON MACHINE DESIGN.*(2nd Year).**(For Mechanical Engineers only).*

Principles of the strength of materials applied to the designs of the parts of machines. Fastenings used in machine construction, bolts, screws, keys, cotters, rivets, and rivetted joints. Journals and bearings. Shafts, couplings and axles. Toothed gearing. Transmission of power by gearing, belting, ropes and chains. Design of pipes, cylinders, cranks, eccentrics, pistons, and piston rods, crossheads and slides, stuffing boxes, flywheels and connecting rods.

38. HIGHER THEORY OF ELASTICITY.*(3rd Year).*

Continuation of second year work on strength and deflection of iron including theorem of three moments, etc. Combined stress and strain. Stresses in Pipes and thick cylinders. Stresses in long columns. Eccentric loading. Euler's theory concerning

struts, modification due to Rankine, Gordon and others. Stresses in rotating discs and shafts. Vibration in shafts. Critical speeds. Transverse and longitudinal vibration of structure. Deflection of framed structures by the theory of work.

39. HYDRAULICS.

(3rd Year).

Theory and design of centrifugal and reciprocating pumps. Valves and air vessels. Efficiency of pumps. Methods of lifting water by animal power. Chief types of simple and series pumps. Pulsometers. Hydraulic Bams.

Water wheels, Theory and design of Pelton wheel, of impulse and reaction turbines. Specific speed, best heads and quantities of water for the use of Pelton wheel. Governing of turbines. Draught Tubes.

Surge tanks. Their theory and application.

Calculation of afflux and back water curve. Standing waves. Application and use of Gould's function. Water hammer.

Hydraulic Transmission of power.—Accumulators. Valves. Hydraulic mains. Lifts, etc.

Theory of Dimensional Homogeneity.—Theory of dynamic similarity and use of the coefficient of viscosity. Calculations for model experiment on Pelton wheels. Hydraulic turbines. Centrifugal pumps. Ship resistances. Standing waves and propellers.

40. GEODESY.

Surveying.—Theory of curves. Curves laid out with the aid of angular instruments. Curves laid by linear measurements only, by chords and offsets, and by offsets inside the curve. Compound curves. Division curves. Vertical curves. Curve spiral or Transition curve. Double centre method for laying out a straight line, setting out pegs for earth work. Curves with given data to pass through ruling point. Introduction to spherical Trigonometry up to the solution of spherical triangles and the adaptation of Napier's rules of circular parts.

Hydro-Electric Surveys.—Topographical maps, how to study and read them, areas suitable for water power schemes, preliminary reconnaissance, catchment areas, rainfall and run-off. Barlow's percentages, approximate discharges of streams and

rivers, capacity of water impounded, hydrographical methods of survey, pipe line alignment, tunnel alignment, forebay, transmission line survey. Instruments used in reconnaissance, preliminary survey and final contour survey.

Astronomy :—Definition. System of celestial co-ordinates; The reasons for sidereal sun and the mean time, accelerations, retardation and equation of time; Julian and Gregorian Calendars; time and the various astronomical corrections.

The practical course consists in finding the meridian of a place by observations of the sun or a star at upper culmination by equal altitudes, by the sun or stars not on the meridian, and by circumpolar stars at elongation; and in finding time by the sun or stars on the meridian and ex-meridian; and in finding latitude, by polaris, and circum-meridional observations. Use and construction of Sun-dials.

41. HIGHER THEORY OF STRUCTURES.

Secondary stresses in structure. Theory of arches. Masonry arches. Hinged arches. Three point hinged arches. Resilience tests for failure of long struts. Suspension-bridges. Swing-bridges. Approximate method of finding stresses from indeterminate equations. Design of revetted joints and stresses in boiler shells. The theory of least work and its application to the metal arch. Stresses in high masonry dams. Theory of earth pressure and of foundations.

42. IRRIGATION.

(3rd Year).

Canal Irrigation.—General description of Indian rivers. River discharges. Gauging silt and remedies against its excessive deposition. Kennedy's Theory and its applications. Garrat's tables and diagrams.

Perennial and Inundation canal system. Duty of canal water and Base of Duty. Losses in a canal. Waterlogging and lining of canals to prevent loss.

Inundation canals.—When permissible. General description of such system. Location of take-off to avoid silting.

Perennial canals.—Sources and quantity of supply. Location and design of headworks in boulders. Trough and delta stages of a river. Flood sluices. Head Regulators. Supply channels. Afflux Bunds. Temporary Diversion Bunds. Permanent Weirs. Automatic gates and shutters. Stony sluice gates.

Design and alignment of canals.—Peculiarities of alignments of canal in plain and hilly countries. Determination of water-sheds. Falls. Bridges. Regulators. Escapes. Outlets. Roads. Distributaries and Minors. Their design and running.

Cross drainage works.—Maximum rate of run-off from catchments. Inlets. Super-passages. Level crossings. Aqueducts. Siphons. Reservoirs.

River Training Works.—Spurs. Groynes, Bell Bunds. Stream line Bunds. Mattresses. Aprons.

43. REINFORCED CONCRETE.

(3rd Year).

Natures, uses, properties, advantages and disadvantages of Reinforced Concrete over other types of constructions. Assumption made in theory of stress in R. C. beams.

Theory and Design of simple beams, T-beams and slabs for different conditions of loading.

Shear, bond, and diagonal tension, its nature, evaluation, and location of reinforcement.

Design of doubly reinforced beams, and continuous beams. Theory and Design of R. C. columns and piles.

Design of Slab foundations.

Design of simple cantilever and counterpart retaining wall.

Equivalent moments of inertia for R. C. sections.

Theory of Elastic deflections and outline of investigation of stresses in Reinforced Concrete Arches.

44. CIVIL ENGINEERING DESIGN LECTURE.

(3rd Year).

Continuation of 2nd year work. (See page 353).

45. ENGINEERING DESIGN.

The students will have to submit at least complete designs and plates of one steel structure and one major irrigation work.

46. ACCOUNTS.

General principles of Book-keeping. Cash book and initial accounts of P. W. D. Control of works and operations of manufacture by means of accounts, cost sheets etc. Workshop accounts. The relation of spending officers, towards their superiors to sanction outlay and towards the auditing officers.

47. SANITARY ENGINEERING.

(3rd Year).

Sewerage, Scourage Disposal and Trade Waste. General considerations in connection with the preliminary work of designing a scheme. Data necessary before scheme can be formulated. Methods of estimating the amount of sewage proper. Present and future population affected by scheme and circumstances modifying the same. Variation in rate of flow and causes of same. The problem of inclusion or exclusion of existing sewer system. The various systems of removal of sewage and their relative advantages. The disposal of rain water. Past and present methods of estimating rates of run-off. Intensity curves and Kuehling's law. Absorption power of the usual classes of surface. Rational method of calculating rainfall capacities of sewers. Effects of shape and slope of area on run-off. Effect of storm water overflows. General discussion of discharge formulae for sewers. Discharge problems involving an increasing rate of flow. Self-cleansing velocities. The use of comparative discharge diagrams. Methods of gauging flow in existing sewers. Storm overflows. Inverted syphons. Sewers under rivers, canals, and other obstacles. Design of large sewer under external pressure. Tunnellings through rock and water-logged ground. The design of junctions of large sewers, sea and river outfalls. Automatic and other types of pumping. Tidal gates. Ventilation. Timbering of trenches and tunnels. Sewage disposal, general consideration. Variations of the problem due to geographical position of town. General notes on sampling Bacteria and their relation to sewage disposal. The malignant bacteria and their identification. Transmission of bacteria. Methods of disposal by dilution, or by treatment and subsequent discharge into running water. General composition of sewage from an engineering point of view. Detritus tanks. Screens. Sedimentation. Septic and hydrolytic tanks. Colloidal treatment. Chemical precipitation. Coagulation. Contact beds. Activated sludge treatment. Percolating beds,

Sludge and its disposal. Humus tanks. Automatic dosing apparatus. Various methods of collecting and disposing of solid, domestic and trades refuse. The transportation and handling of refuse. Design and operation of refuse destructors.

48. HEAT ENGINE LABORATORIES.

(*3rd Year*).

(*For Civil Engineers*).

Steam Engine.—Experiments on high pressure and low pressure boilers, horizontal and vertical steam engines, air compressors and steam turbines. Experiments on gas and oil-engines.

49. ARCHITECTURE AND TOWN PLANNING.

General principles of Modern, Classic, and Indo-Sareeni architecture of civic, religious, business premises, theatres, museums, colleges and universities and other public buildings.

Town Planning.—General principles of town planning. Suitability of an area. Boundaries. Adoption of design to natural features. Allocation of area for the several classes of buildings, park and open space. Advantages and disadvantages of private open spaces. Improvement of existing conditions of cities. Design and construction of streets, side walks and kerbs, markets, parks, cemeteries, and shade trees. Ornamenting and beautifying of towns.

50. SPECIFICATIONS AND ESTIMATING.

Estimating.—Rules for taking out quantities in earth work masonry flooring, wood-work, mouldings, arches, groined roofs domes, steel work, and plumber's work.

Calculation of probable quantities of materials required to be furnished for the completion of work.

Common rates and their analysis.

Rates for carriage of material by different means of transport
Specifications, contracts, and contract law.

Detailed estimates of some of the designs carried out by the students in the Civil Engineering Design Course.

Specifications.—Specifications of different kinds of stone and brick masonry, cement work, wood work, etc.

51. WORK MANAGEMENT

(*For Civil Engineers*)

Evolution of engineering industries, examples of successful organisation. Economics of manufacturing and construction. Methods of remunerating labour, cost analysis. Conveyance of goods by rail, road and water. Economical methods of constructing civil engineering works under varying conditions. Productive and protective works. Systems of contract. Organisation of departmental works : economical lay-out of works and labour camps, sanitation, medical aid, water-supply, lighting. Recruitment and control of labour. General administration of large works with their labour camps.

52. THEORY OF MACHINES.

(*3rd Year*).

(*For Mechanical Engineers only*).

Altered mechanisms. Expansion of elements. Reduction of chains. Higher pairing involving plane motion. Spur wheel trains, cam trains, etc. Epicyclic and other forms of gearings. Differential gearing. Humpage gear. Various forms of teeth shafts, couplings and axles. Friction of rest and motion. Friction of lubricated surfaces. Friction in mechanisms and efficiency of machines.

Rectilinear and rotational motion. Inertia, forces in mechanisms, balancing of steam engines, I. C. engines and locomotive. Gyrostatic action. Dynamics of the steam engine, Cycles, speed variation, effort and resistance, steadiness : crank effort : governors and flywheels. Correction of indicated diagrams for acceleration. Secondary balancing pressure of the crank pin, cushioning for acceleration. Stress in locomotive coupling rod; connecting rods. Vibration. Effect of vibration on the speeds of engines. Transmission and absorption dynameters.

53. ELECTRO-TECHNICS.

(*For Mechanical Engineers only*).

Direct current machines.—Characteristics and performance of generators and motors. Starting, reversing, and regulation of motors. Details of construction. Switch boards. Auxiliary machines, general arrangements of plant and installation.

Alternating current machines.—Production of an alternating E. M. F. maximum and R. M. S. value of wave forms. Effect of resistance, inductance and capacity. Poluphase circuit Power and power factor. Choke coils. Transformers. Alternators and motors induction. Transmission and distribution of electric energy for light and power. Wiring, Installations, and conductors. Cables. Systems of supply and distribution. Location of faults. Batteries. General principles of electric traction, Filament lamps : Arc and vapour lamps.

54. ELECTRO-TECHNIC LABORATORIES.

(*For 3rd year Mechanical Engineers*).

Tests on A. C. and D. C. instruments and circuits. Tests for characteristics, losses, and efficiencies of D. C. and A. C. machines, transformers, etc.

55. HIGHER METALLURGY.

(*3rd Year*).

Physical characters of metals. Changes resulting from heat and mechanical treatment. Pyrometry Metallography. Condition of equilibrium of Binary alloys. Electric smelting and preparation of steel.

56. METALLURGICAL LABORATORIES.

(*3rd Year*).

Experiments in roasting, fluxing, reduction, liquefaction, scorification, cupellation, amalgamation, etc., illustrating the various methods and processes employed in the extraction and purification of metals. Preparation of alloys. Detection and estimation of the common metals, *viz.*, iron, copper, lead, silver, gold, tin, antimony, zinc, bismuth, manganese, in their ores by both the wet and the dry processes.

57. MACHINE TOOLS.

Construction and application of cutting tools. Shapes and speeds of cutting tools for various materials. Materials used for cutting tools and their heat treatment. Various machine tools and their uses. Lathes, planing machines, drilling machines, slotting machines, automatic and semi-automatic machines and their uses.

58 HIGHER THEORY OF THERMODYNAMICS.

The advanced Physics of Thermodynamics. The various laws of gases, and cycles of operation. History of the development of various cycles of operations.

The steam engine. - Behaviour of steam in metal cylinder. Cyclical flow of heat in the walls. Experiments of Calleender and Nicolson Law of initial condensation. Law of valve leakage. Application of entropy and heat charts. Total consumption of an engine. Simple, compound and uniflow engines. Condensing and noncondensing engines. Effect on consumption, of speed, pressure, ratio of expansion and vacuum. Design and proportion of cylinders. Combustion of coal on a grate. The effects of rate of firing. Furnace temperature. Osborne Reynold's law of heat transference. Chimney temperature. Number of tubes. Draft. General description of the various types of high speed boilers.

Steam turbines. Flow of steam through orifices and nozzles, the De. Laval turbines. The many stage impulse turbine, Rateau type. The few stage velocity turbine, Curtis type. The many stage reaction turbine, Parsons type. Combined types. Consumption and proportions. Effect of high pressure superheat and vacuum. Strength of spinning discs. Governing.

Internal Combustion Engines. Explosion type. More advanced parts of the theory of gas and oil engines. The variable specific heat theory. The standard cycle. Recent work on gaseous explosions. Various types of gas producers. Theory and practice of Air Compressors and Motors. Single and multi-stage. Refrigeration. Theory of refrigeration, and its application in practice. The use of Molliers I. chart, Liquidfaction of gases, The Humphrey Pump.

Diesel Type. Theory and construction of the Diesel oil motors, with and without allowance for variation of specific heat with temperature. The various types manufactured. Effect on economy of speed and cylinder proportions. Semi-Diesels, Fuels available for Diesel Motors.

Various types of evaporators and their efficiencies. General arrangement and construction of the more important types of generating plants.

59. PRINCIPLES OF AERONAUTICS AND AEROENGINES.

The importance of Aeronautics and possibilites of its development in future. Theory of stability of the Aeroplane, and principles of the design of wings. Relation between the wing area, and total load. Principles of the Fusilage design and determination of the speed and size of propellers, to give the most efficient results. General types and fundamental principles of Aero-engines.

60. ORGANISATION OF INDUSTRIES AND WORK MANAGEMENT.

The evolution of engineering industries. Examples of successful organisation. The economics of manufacturing. Methods of remunerating labour, cost analysis and factory accounts; labour-saving devices, and systems of handling and controlling orders. Conveyance of goods on road, rail, and water. Legislation affecting engineering industries.

61. MACHINE DESIGN AND DRAWING.

(*For Mechanical Engineers only*).

The complete design of a machine (such as a steam or internal combustion engine, a pump, a turbine, or a machine tool) is worked out, and the requisite working drawings and tracings are prepared.

62. HEAT ENGINE LABORATORIES.

(*3rd Year*).

(*For Mechanical Engineers*).

Same as for Civil Engineers (see page 359).

63. MACHINE DESIGN LECTURES.

(*3rd Year*.)

The application of theory to practice in the design of modern types of steam boilers, steam engines, including the uniflow steam turbines and internal combustion engines, including "solid injection" type.

FACULTY OF EDUCATION.
DIPLOMA-IN-EDUCATION.

*Principles of Education and Elementary
Educational Psychology.*

- (a) Ideals and Aims in Education. The Elemental Educational Values. The question of Formal Training. Principles of the Curriculum. Correlation in Teaching. The Logical and Psychological order of Studies. Factors and Methods in the training of Thought. Definition and Language in Education.
- (b) Psychology and its relation with Education. Nervous System and its functions. Heredity and Environment. Instincts : Sensation Perception Imagination, Memory, Conception, Reasoning, Emotions. Volition. Habit formation. Attention. Interest. Fatigue. Play. Imitation and Suggestion. Laws of Learning. Formation of character.

School Management and Hygiene.

School MANAGEMENT.

- Types of Schools. Classification of Pupils. Head Master and Staff. Distribution of work. Timetables. Homework. Examinations. Records. Hostels. Order and Discipline. Extra-curricular activities. Parental Co-operation.

Hygiene.

- Broad Outlines of Anatomy and Physiology. Medical Inspection. Defects and Diseases. Infectious Diseases. Conditions of healthy physical life. Hygiene conditions of the school. First aid in minor injuries and ailments.

*History of Educational Ideas and Select
Classics in Education.*

A period will be prescribed from time to time along with a set book or two. There will further be prescribed a book or two under Educational Classics.

Educational Classics.

- Rousseau. Emile.
Plato. Republic.
Locke. On Education.
Spence. Education.
Dewey. Democracy and Education.

Methods of Teaching.

A. General. Technique in Teaching. Deductive and Inductive Development lessons, Narration, Description, Explanation, Observation, Expression. Exposition and Illustration. Questioning and Discussion.

B. In teaching the special subjects the following points will be dealt with :—

Aims and Values of the subject.

Content and its organisation.

Various methods of teaching the subject.

Schemes and Notes of lessons.

Correlation with other subjects.

Biological Science.

To be prescribed later.

Vernaculars and Classical Languages.

Urdu, Marathi, Telugu, Canarese and Indian Classical Languages.

The books on the teaching of English indicate the ground to be covered.

Modern Educational Systems and Problems.

A comparative study of the modern educational systems of the leading countries of the world. Indian Education shall form the centre of the study, and along with this the systems of two or three leading countries shall be prescribed from time to time. The following will be the lines of study :—

Introductory—dealing with the historical aspects and general features of the system.

Administrative control of Education.

Elementary Education. Secondary Education. Higher Education. Industrial and Technical Education. Professional Education, relating chiefly to the training of teachers.

Education of Women.

Conclusion and Outlook.

Advanced Educational Psychology.

Psychology of Individual Differences.

Mental Testing.

Psychology of Learning.

Psychology of the fundamental school subjects.

Statistics in Education.

Child Education.

Nature, Scope and Methods of Child Study.

History of Child Education with special reference to Rousseau Pestalozzi, Froebel and Montessorie.

Observation and study of children. Study of exceptional children and the methods of dealing with them. Intelligence Tests.

The stages of child development.

Play—Theories of play and play methods. Importance of play in the development of the child. Free and organised play.

Fatigue—Mental and Physical.

The Child under 5 and how to deal with him.

The Child above 5 and how to deal with him

II. PUBLICATIONS OF IBL TRANSLATION BUREAU

No.	Author's or Compiler's Name	Name of Book	Translator's name	Remarks
INDIAN HISTORY.—(General).				
1	Hashimi, Sayyid ..	Matriculation History of India ..	..
INDIAN HISTORY - HINDU PERIOD.				
2	Davids, T. W. R.	Buddhist India. (S. N. S.) ..	Sayyid Sajjad	
3	Hashimi, Sayyid ..	Intermediate History of India Volume I.	..	
4	Imperial Gazetteer	Vol. II - Chs. VIII and IX ..	Sayyid Ghulam Rabbani ..	
5	Ragozin, Z. A. ..	Vedic India. (S. N. S.) ..	H. A. Ansari ..	
6	Smith, V. A. ..	The Early History of India ..	Md. Jamilur Rahman ..	
INDIAN HISTORY - MUSLIM PERIOD.				
7	Abdullah ..	Tarikh-i-Dardh ..	Fida Ali ..	Under revision.
8	Abul Fazl ..	The Am-i-Akbari, Vol. I. ..	Fida Ali ..	Do
9	Do	The Am-i-Akbari, Vol. II. ..	Do ..	Do
10	Alif, Shams Siraj	Tarikh-i-Firoz Shahi ..	Fida Ali ..	Under revision.
11	Beni Pershad ..	Jehangir ..	..	Under revision.
12	Fergusson, J. ..	Indian Saracenic Architecture. Sayyid Hashimi ..	..
13	Ferishta ..	History of the Rise of the Muslim Power in India, Vol. I. ..	Do ..	With Notes by Sayyid Ha-
14	Do ..	Do Vol. II. ..	Do ..	.. Do do
15	Do ..	Do Vol. III. ..	Do ..	.. Do do
16	Do ..	Do Vol. IV. ..	Do ..	..
17	Hashimi, Sayyid ..	Intermediate History of India Volume II.	..	..
18	Do ..	Intermediate History of India Volume III.	..	..
19	Khajista, Sultana Begum ..	Tarikh-i-Timuria ..	.. ..	.. Under revision.
20	Moreland, W. H. ..	From Akbar to Aurangzeb ..	Sayyid Hashimi ..	
21	Moreland, W. H. ..	Mughal Empire. India at the Death of Akbar : an economic study.	Md. Habibur Rahman ..	
22	Motamad Khan Bakshi, Mirza Md.	The Iqbal-Namah-Jahangiri ..	Abu Wila Muhammad-Zakaria ..	
23	Mustaid Khan, Muhd. Saqi ..	Maasir-i-Alamgiri ..	Fida Ali ..	
24	Nasiruddin Haidar, Mirza ..	The Bahar Namah (Memoirs of Babar).	..	
25	Saleih Kambo Muhammed ..	Amal-i-Saleh Part I ..	Fida Ali ..	In press.
26	Do ..	Do Part II ..	Do ..	Under revision.
27	Do ..	Do Part III ..	Do ..	Do
28	Thomas, E. ..	Revenue Resources of the Mughal Empire.	Abdul Sattar ..	Under revision.
29	Ziauddin Burni ..	Tarikh-i-Feroz Shahi ..	Fida Ali ..	In press.
INDIAN HISTORY : BRITISH PERIOD.				
30	Anderson, G. ..	British Administration in India	Md. Elias Burney ..	
31	Anderson, G. and M. Subedar ..	The Development of an Indian Policy (1818-1858)	Abdul Sattar ..	In press.
32	Ascoli, F. D. ..	Early Revenue History of Bengal and the Fifth Report (1812).	Do ..	Do
33	Dodwell, Henry ..	Dupleix and Clive ..	Masood Ali ..	
34	Griffin, Sir. L. ..	Ranjit Singh (R. I. S.) ..	Nazir Husain Faruqi ..	
35	Hashimi, Sayyid ..	Intermediate History of India. Volume IV. ..	..
36	Horne, E. A. ..	The Political System of British India.	Sayyid Najib Ashraf Nadav ..	
37	Hunter, Sir W. W. ..	Dalhousie. (R. I. S.) ..	Sayyid Md. Ahmad ..	
38	Hutton, W. H. ..	Wellesley (R. I. S.) ..	S. M. Shawkat ..	
39	Keene, H. G. ..	Madhava Rao Sindhiya (R.I.S.) ..	S. M. Abdus Salam ..	
40	Lyall, Sir A. ..	The Rise and Expansion of British Dominion in India. ..	Do	

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No.	Author's or Compiler's Name	Name of Book	Translator's name	Remarks
41	Malcolm, Major General, Sir J.	The Political History of India, Vol. I.	Ibn-e-Hasan	..
42	Do do	Do Vol. II.	Do	..
43	Malleson, Col. G. B.	Clive (R. I. S.) ..	Ibn-e-Hasan.	..
44	Do ..	History of the French in India ..	Abdul Sattar	Under translation
45	Marshman, J. C. ..	An Abridgement of the History of India—British Period ..	S. Md. Abdus Salam ..	..
46	Seton Karr, W. S.	Cornwallis (R. I. S.) ..	Abdul Sattar ..	In press.
47	Stephen, J. F. ..	Nuneomar and Impcy, Vol. I.	Md. Haider and Sayyid Hashimi and Abdul Sattar ..	Under revision
48	Do ..	Warren Hastings (R. I. S.) ..	Abdul Sattar ..	Do
49	Trotter, Capt. L. J.	ENGLISH HISTORY	Ibn-e-Hasan	..
50	Buckley, A. B. ..	History of England ..	Zafar Ali Khan and S. A. Raza.	..
51	Green, J. R. ..	A Short History of the English People, Vol. I.	Qazi Talamuzz Husain,	..
52	Do ..	Do Vol. II. ..	Do	..
53	Do ..	Do Vol. III. ..	Do	..
54	Do ..	Do Vol. IV. ..	Do	..
55	Do ..	Do Vol. V. Epilogue ..	Do	..
56	Ransome Cycil ..	An Advanced History of England ..	Sayyid Hashimi ..	Under translation.
		EUROPEAN HISTORY.		
57	Fyffe, C. A. ..	A History of Modern Europe Volume I.	Qazi Talamuzz Husain.	In press.
58	Do ..	Volume II. Do	Qazi Talamuzz Husain & Sayyid Hashimi.	Under revision.
59	Do ..	Do Volume III. ..	Sayyid Hashimi ..	..
60	Gooch, G. P. ..	Do Volume IV. ..	Do ..	In press.
61	Grant, A. J. ..	History of Europe ..	H. A. Ansari.	Do
62	Hassall, A. ..	The Balance of Power 1715-1789 ..	Do ..	..
63	Johnson, A. H. ..	Europe in the Sixteenth Century, 1494—1598.	Md. Rahimuddin ..	Under revision.
64	Lodge, G. ..	The Close of the Middle Ages, 1273—1494.	Mirza Ali Yar Khan.,	" translation.
65	Philips, W. A. ..	Modern Europe, 1815—1899 ..	Rashid Ahmad Siddiqi	..
66	Stephens, H. M. ..	Revolutionary Europe, 1789—1815.	Hasan Abid Jafari ..	..
67	Thatcher, O. J. and F. Schwill.	A General History of Europe, Part I.	Abdul Majid, Haidar Yar Jung, and Qazi Talamuzz Husain.	..
68	Do	Do Part II. ..	Qazi Talamuzz Husain.	..
69	Wakeman, H. O. ..	The Ascendancy of France, 1598—1715	Sayyid Fakhru'l Hasan	..
		GREEK HISTORY.		
70	Abbott, E. ..	Pericles and the Golden Age of Athens.	Md. Enayatullah ..	..
71	Adolf Holm. ..	History of Greece. Vol. I. ..	Haroon Khan Sherwani.	..
72	Do ..	Do Vol. II. ..	Do	..
73	Do ..	Do Vol. III. ..	Do	..
74	Do ..	Do Vol. IV. ..	Do	In press.
75	Bury, J. B. ..	History of Greece ..	Seyyid Hashimi ..	..
76	Ferguson, W. S. ..	Greek Imperialism ..	Md. Enayatullah ..	..
77	Pickard-Cambridge, A. W. ..	Demosthenes ..	Qazi Tajammul Husain	..
		ROMAN HISTORY.		
78	Bury, J. B. ..	The Student's Roman Empire.	Sayyid Hashimi ..	..
79	Firth, J. B. ..	Constantine ..	Md. Enayatullah
80	Heitland, W. E. ..	The Roman Republic, Vol. I.	H. A. Ansari.	..

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
81	Heitland, W. E. The Roman Republic, Vol. II.	H. A. Ansari ..	
82	Do ..	Do Vol. III.	Do ..	
83	Do ..	Do Vol. IV.	Do ..	
84	Do ..	Do Vol. V.	Do ..	
85	Pelham, H. F. ..	Outlines of Roman History ..	Do ..	
		ISLAMIC HISTORY.		
86		لارجع الکامل جلد سوم ابن الاشراف وچهارم (عهدنی امیہ)	Md. Jamilur Rahman.	
87	" "	چهارم و پنجم	Sayyid Hashim Nadvi	
88	" "	و جلد پنجم تا دوازدهم (عهدنی عباس)	Sd. Abdul Khair Maududi	Under translation.
89		اح طه فی اخبار عرب زاده المؤذن محمد بن المدین بن الحطیب اندامی حصہ اول	Sayyid Ahmadullah	In Press.
90	" "	حصہ دوم	Do ..	Under translation.
91	ابو الحسن علی المسعودی	مروج الذهب	Sayyid Muhammad Ibrahim Nadvi ..	
92	" "	التنیہ والاشراف	Abdullah Emadi ..	
93	ابو جعفر محمد بن جریر الطبری	تاریخ الام و الملوك جلد دوم حصہ اول (عهدنی امیہ)	Haidar Yar Jung Br.	
94	" "	دوم	Sayyid Md. Ibrahim.	
95	" "	سوم و چهارم	Do	
96	" "	جلد سوم حصہ اول (عهدنی عباس)	Do	In Press.
97	" "	حصہ دوم (عهدنی عباس)	Do	Under translation.
98	" "	حصہ سوم (عهدنی عباس)	Abdullah Emadi.	Under revision.
99	" "	حصہ چھارم (عهدنی عباس)	Do	Under translation
100	ابی الحسن الهلالی بن الحسن المقری	كتاب الوزرا فتح الطیب	Sd. Abul Khair Maududi. Md. Khalilur Rahman	In Press.
101	بلذری (احمد بن محبی بن جابر)	فتح البلدان جلد اول	Sd. Abul Khair Maududi.	Do
102	البغدادی	جلد دوم	Do	Do

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
104	شهرستنی	كتاب المل والتحل	Sd. Abul Khair Manduh.	In Press.
105	عبدالحليم شرور	اريئن اسلام جلد اول		
106	" "	" " ذوق	Do	Do
107	(قاضی ابویوسف)	كتاب اخراج	Do	Do
108	(قدامہ بن جعفر)	كتاب اخراج	Do	Do
109	ساوادی (قاضی تقضۃ)	اسکم اساطینہ	Sayyid Md. Ibrahim Nadvi.	
110	ابو الحسن یعقوبی	نزیخ یعقوبی	Sd. Abul Khan Manduh.	Under revision
111	Jonquiere, de la ..	.. Histoire de l'Empire Ottoman Vol. I.	M. Pirkhali, Sheuda Mohammad and Hamiduddin	In Press
112	Do ..	.. Histoire de l'Empire Ottoman Vol. II	Do	Under revision.
GEOGRAPHY.				
113	Enayatullah, Muhammad	A Historical Geography of Spain.		
114	Le Strange, G. ..	.. Lands of the Eastern Caliphate	Md. Jamilur Rahman (C. G. S.)	In Press.
115	Do ..	Palestine under the Muslims ..	Sayyid Hashmi	..
116	Marsden, E. and T. A. Smith	Geography for Senior Classes Vol. I.	Do	..
117	Do ..	Do Vol. II.	Do	..
POLITICS.				
118	Barker, L. ..	Political thoughts from Spencer to To-day.	Qazi Talamuz Husain	.. Under revision
119	Bluntschli, J. K...	The Theory of the State ..	Do	..
120	Dunning, W. A. ..	Political Theories, Ancient and Medieval.	Do	.. Under revision.
121	Do ..	Political Theories from Rousseau to Spencer.	Do	.. Do
122	Do	Political Theories from Luther to Montesquieu.	Do	.. Do
123	Gilmchrist, R. N.	Principles of Political Science ..	Do	.. Under translation.
124	Jenks, E. ..	A History of Politics. (T. P.)	Abdul Qavi	..
125	Leacock, S. ..	.. The Elements of Political Science.	Qazi Talamuz Husain.	..
126	Low, Sidney ..	The Governance of England ..	Do	.. Under revision.
127	Ogg, F. A. ..	.. The Governments of Europe ..	Do	.. Do
128	Pollock, F. ..	An Introduction to the History of the Science of Politics.	Raham Ali	..
129	Sarkar, B. K. ..	.. The Political Institutions and Theories of the Hindus.	K. C. Roy Saksena	.. Under translation.
130	Seeley, J. ..	.. Introduction to Political Science.	Qazi Talamuz Husain.	..
131	Sidgwick, H. ..	.. The Development of European Polity.	Do	..
ENGLISH CONSTITUTION.				
132	Adams, G. B. ..	The Constitutional History of England.	Abdul Majid	.. Under translation.
133	Bagehot, W. ..	.. The English Constitution ..	Qazi Talamuz Husain.	..
134	Chambers, A. M. ..	A Constitutional History of England.	Sayyid Ali Raza	..
135	Montague, F. C. The Elements of English Constitutional History.	Do	..

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
ECONOMICS.				
136	Banerjea, P. ..	A Study of Indian Economics ..	Md. Elyas Burney ..	
137	Bastable, C. F. ..	The Theory of International Trade ..	Rashid Ahmad ..	Under revision.
138	Dutt, Romesh ..	The Economic History of India : Early British Rule ..	Md. Nasiruddin ..	In Press.
139	Do ..	The Economic History of India : Victorian Age ..	Do ..	Under revision.
140	Elyas Burney, Muhammad ..	Indian Economics ..	Do ..	..
141	Do ..	Principles of Economics ..	Do ..	..
142	Ingram, J. K. ..	History of Political Economy ..	Rashid Ahmad ..	In Press.
143	Moreland, W. H. ..	An Introduction to Economics for Indian Students ..	Md. Elyas Burney ..	
144	Shirras, G. F. ..	Indian Finance and Banking ..	Rashid Ahmad ..	Under revision.
145	Taussig ..	Principles of Economics .. Vol. I.	Do ..	Under translation
146	Do ..	Do .. Vol. II. ..	Do ..	Do
147	Todd, J. A. ..	Mechanism of Exchange ..	Do ..	Under revision.
148	Withers, H. C. ..	The Meaning of Money ..	Do ..	Do
SOCIOLOGY				
149	Blackmar, F. W. ..	Elements of Sociology ..	Sai. Md. Hussain ..	In Press.
150	Hens Worin, S. ..	Sociology (French) ..	Sai. Yusuf Hussain ..	In Press.
PHILOSOPHY.				
151	Boer, Dr. T. J. De ..	The History of Philosophy in Islam ..	Mirza Md. Hadie ..	
152	Hoffding, H. ..	History of Modern Philosophy .. Volume I.	Khalifa Abdul Hakim ..	In Press.
153	Do ..	Do .. Volume II. ..	Do ..	..
154	Do ..	Philosophy of Religion Translated from the German by B. E. Meyer ..	Mirza Md. Hadie ..	Under revision.
155	Iyengar, P. T. Srinivasa ..	Outlines of Indian Philosophy ..	Ehsan Ahmad ..	In Press
156	Kulpe, O. ..	Introduction to Philosophy ..	Mirza Md. Hadi ..	..
157	Rapoport, A. S. ..	A Primer of Philosophy ..	Mir Valiuddin ..	..
158	Rashdall, H. ..	The Theory of Good and Evil Vol. I. ..	Khwaja Abdul Qudus ..	Under translation.
159	Do ..	Do .. Vol. II. ..	Do ..	To be translated.
160	Renan, Ernest ..	Averroes et l'Avroisisme ..	Mashruq Husain ..	..
161	Russell, B. ..	Problems of Philosophy (H. U. L.) ..	Md. Mumuduin Ansari ..	..
162	Sadriddin Shirazi ..	Asfar-i-Arba ..	Mirza Md. Hadi and ..	Under translation.
163	Shahbuddin ..	Hikmatul Israaq ..	Mirza Md. Hadi ..	..
164	Webb, C. J. ..	A History of Philosophy. (H. U. L.) ..	Ehsan Ahmad ..	..
165	Weber, A. ..	History of Philosophy ..	Khalifa Abdul Hakim ..	
166	Zeller, Edward ..	Outlines of Greek Philosophy (From the Original German) ..	Dr. Khalifa Abdul Hakim ..	In Press.
LOGIC.				
167	Fazl Imam ..	Mirquat ..	Sayyid Hyder Hussain ..	
168	Joseph, H. W. B. ..	An Introduction to Logic, Part I. ..	Mirza Md. Hadi ..	..
169	Do ..	Do .. Part II. ..	Do ..	
170	Ray, P. K. and Md. Husain ..	Logic ..	Abdul Majid ..	
METAPHYSICS.				
171	Bergson, Henri ..	An Introduction to Metaphysics ..	Abdul Bari Nadvi ..	
172	Descartes, Rene ..	A Discourse on Method ..	Do ..	In Press.
173	James, William ..	Pragmatism ..	Do ..	Do
PSYCHOLOGY.				
174	Angell, J. R. ..	Psychology ..	Mutazid Walir Rahaman ..	
175	James, William ..	Principles of Psychology Vol. I. ..	Ehsan Ahmad ..	In Press.

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
176	James, William Principles of Psychology Vol. II,	Ehsan Ahmad	.. Under revision.
177	Do	.. The Text-Book Psychology	Do	.. In Press.
178	McDougall, William	.. An Introduction to Social Psychology.	Murza Md. Hadi	..
179	Do	.. Outlines of Psychology	Mutazid Wahur Rahaman.	
180	Do	.. A Primer of Physiological Psychology.	Do	..
181	Morgan, C. L.	.. An Introduction to Comparative Psychology.	Do	..
182	Stout, G. F.	.. The Groundwork of Psychology	Mirza Md. Hadi	..
183	Do	.. A Manual of Psychology	Abdul Bari Nadvi	..
184	Ward, James	.. Psychological Principles	Mutazid Wahur Rahaman.	
ETHICS.				
185	Aristotle	.. The Nichomachean Ethics	Mirza Md. Hadi	..
186	Bentham, Jeremy	.. An Introduction to the Principles of Morals and Legislation	Do	.. To be translated.
187	Dewey, J. & J. H. Tufts	.. Ethics.	Abdul Bari Nadvi	In Press.
188	Green, T. H.	.. Prolegomena to Ethics	Ehsan Ahmad	Under translation.
189	Mackenzie, J. S.	.. A Manual of Ethics	Abdul Bari Nadvi	..
190	Mill, J. S.	.. Utilitarianism	Mutazid Wahur Rahaman.	
191	Plato	.. The Phaedrus, Lysis and Protagoras of Plato. (G. T. S.)	Mirza Md. Hadi	In Press.
192	Plato	.. The Republic	Mirza Md. Hadi	Do
193	Rogers, R. A. P.	.. A Short History of Ethics	Ehsan Ahmad	Do
194	Sidgwick, H.	.. A Short History of Ethics	Do	Do
195	Stephen, Sir Leslie	.. The Science of Ethics	Do	Do
LAW.				
196	Abdul Rahim, Sir	.. Muhammadan Jurisprudence	Masood Ali	..
197	Amir Ali, Sir S.	.. Students' Handbook of Muhammadan Law.	Sayyid Ali Raza	..

198	Anson, Sir W. R.	.. Principles of the English Law of Contract.	Husam Ali Mirza	Under translation.
199	Dicey, A. V.	.. Law of the Constitution	Masood Ali	In Press.
200	Ghose, J. C.	.. The Principles of Hindu Law	Rai Bajnath	
201	Leage, R. W.	.. Roman Private Law	Mahboob Ali	
202	Maine, H. S.	.. Ancient Law	Masood Ali	In Press.
203	Masood Ali	.. Dictionary of Law Terms and Phrases.		Under Compilation.
204	Salmond, J. W.	.. Jurisprudence, Part I.	Sayyid Ali Raza	
205	Do	.. Do Part II.	Do	
206	Underhill, A.	.. Law of Torts	Rai Bajnath	
207	Westlake, J.	.. A Treatise on Private International Law.	Masood Ali	

MATHEMATICS.

208	Ball, Sir Robert	.. A Treatise on Spherical Astronomy.	Md. Naziruddin	In Press
209	Besant, W.H. & A. S. Ramsay	.. Treatise on Hydro-Mechanics Part I, Hydrostatics.	Do	..
210	Burnside, W.S. & A.W. Panton	.. Theory of Equations, Vol. I	Do	..
211	Do	.. Vol. II	Do	.. Under revision.
212	Chrystal, G.	.. Algebra, Part I.	Do	To be translated.
213	Do	.. Algebra, Part II.	Do	Do
214	Cockshott, A. & F.B. Walters	.. Geometrical Conics	Qazi Muhammad Husain.	
215	Edwards, J.	.. Differential Equations	Do	..
216	Gibson, G. A.	.. Elementary Treatise on the Calculus. Part I.	Do	..
217	Do	.. Do Part II.	Do	
218	Grace J. H. & F. Rosenberg	.. Analytical Geometry	Do	..
219	Hall, H. S. and S. R. Knight	.. Higher Algebra. Part I.	Do	
220	Do	.. Do Part II.	Shaikh Barkat Ali	..
221	Hall, H. S. & F. H. Stevens	.. Plane Geometry	Qazi Muhammad Husain.	
222	Do	.. Solid Geometry	Do	..

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
223	Hobson, E. W. A Treatise on Plane Trigonometry.	Md. Naziruddin ..	Under revision.
224	Loney, S. L. ..	.. An Elementary Treatise on Statics (Higher)..	Shaikh Barkat Ali ..	
225	Do ..	.. Dynamics of a Particle and Rigid Bodies.	Do ..	In Press.
226	Do ..	.. The Elements of Dynamics ..	Khan Fazal Md. Khan ..	
227	Do ..	.. The Elements of Statics ..	Do ..	
228	Do ..	.. The Elements of Hydrostatics ..	Qazi Md. Hussain ..	
229	Do ..	.. Plane Trigonometry Part I..	Do ..	
230	Loney, S. L. ..	.. Plane Trigonometry Part II..	Shaukh Barkat Ali ..	
231	Muhammad Hussain, Qazi ..	.. Graphs and Equations ..	..
232	Parker, G. W. ..	.. The Elements of Astronomy ..	Shaikh Barkat Ali ..	
233	Todhunter, I. & J. G. Leathem	Spherical Trigonometry ..	Md. Naziruddin ..	In Press.

PHYSICS.

234	Abdul Rahman Khan, M.J. ..	.. A Course in Mathematics for Physics Students ..	..	In Press.
235	Do ..	.. Physics Optics ..	..	Under compilation
236	Allen, H. S. & H. Moore ..	.. Practical Physics, Part I. Properties of Matter and Heat ..	Wahabur Rahman ..	
237	Do ..	.. Practical Physics, Part II. Sound and Light ..	Md. A. Rahman Khan ..	
238	Do ..	.. Practical Physics, Part III. Magnetism and Electricity ..	Do ..	
239	Duncan, J. & S. G. Starling ..	.. Text-Book of Physics, Part I. Properties of Matter ..	Nasir Ahmad ..	
240	Do ..	.. Do Part II. Heat ..	Sayyid Abdul Jalil ..	
241	Do ..	.. Do Part III. Light ..	Md. A. Rahman Khan ..	
242	Do ..	.. Do Part IV. Sound ..	Do ..	
243	Do ..	.. Do Part V. Magnetism ..	Do ..	
244	Do ..	.. Do Part VI. Electricity ..	Do ..	

245	Gregory, R. & H. E. Hadley ..	A Class Book of Physics. Part I. Chowdri Barkat Ali ..		
		Fundamental Measurements		
246	Do ..	.. Do Part II. Heat ..	Do ..	
247	Do ..	.. Do Part III. Light ..	Do ..	
248	Do ..	.. Do Part IV. Sound ..	Do ..	
249	Do ..	.. Do Part V. Magnetism ..	Do ..	
250	Do ..	.. Do Part VI. Electricity ..	Do ..	
251	Gregory, R. & A. T. Simmons ..	Lessons in Science. Part I ..	Do ..	
252	Do ..	.. Do Part II ..	Do ..	
253	Schuster, A. & C. H. Lees ..	Practical Physics. Part I ..	Md. A. Rahman Khan ..	
254	Do ..	.. Do Part II ..	Do ..	
255	Do ..	.. Do Part III ..	Do ..	

CHEMISTRY.

256	Baily, C. H. & H. W. Bausor ..	Matriculation Chemistry, Part I.	Chowdri Barkat Ali ..	
257	Do ..	.. Do Part II.	Do ..	
258	Do ..	.. Do Part III. ..	Do ..	
259	Bruce, J. & Harry Harper ..	Practical Chemistry ..	Mahmud Ahmad ..	Under translation.
260	Caven, R. M. & G. D. Lander ..	Systematic Inorganic Chemistry ..	Khan ..	
261	Cohen, J. B. ..	A Class Book of Organic Chemistry Vol. I.	Khwaja Habib Hasan ..	Under revision.
262	Do ..	.. Do Vol. II.	Do ..	Under revision.
263	Do ..	.. Organic Chemistry ..	Sardar Baldev Singh ..	
264	Do ..	.. Practical Organic Chemistry ..	Hakim Ah ..	
265	Do ..	.. Theoretical Organic Chemistry ..	S. M. Azam ..	In Press.
266	Fenton, M. T. H. ..	Outlines of Chemistry ..	Mahmud Ahmad ..	Do
267	Gregory, R. & A. T. Simmons ..	Lessons in Science ..	Chowdri Barkat Ali ..	
268	Muzaffaruddin Qureshi ..	A Course of Practical Chemistry ..	.. ..	Under compilation.
269	Partington, J. R. ..	A Text-Book of Inorganic Chemistry ..	Dr. M. Qureshi ..	Under translation.
270	Smith, Alexander..	.. Inorganic Chemistry. Part I.	Chowdri Barkat Ali ..	
271	Do Inorganic Chemistry Part II. ..	S. M. Azam ..	Do

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No. Author's or Compiler's Name

272	Walker, J.
273	Do
274	Bhatia, B. L.
275	Borradaile L. A.
276	Henderson, I. F. & W. D. Henderson,	..	..
277	Lowson and Sahni	..	..
278	Do	..	..
279	Marshall, A. M. & C. H. Hurst	..	..
280	Rangachari, R. B. K.	..	..
281	Thomson, J. A.	..	..
282	Burnet James	..	..
283	Cunningham	..	..
284	Do	..	..
285	Do	..	..

286	Dixon Mann J. and William. Brend	..	..
287	Dorland W. A.N.	..	..
288	Eden, T. W. & C. Loover	..	..
289	Ghosh Birendra Nath	..	..
290	Ghosh, Rakhaldas	..	..
291	Do	..	..
292	Gray, Henry	..	..
293	Do	..	..
294	Do	..	..
295	Do	..	..
296	Do	..	..
297	Do	..	..
298	Do	..	..
299	Do	..	..
300	Green	..	..
301	Halliburton, W. D.	..	..
302	Do	..	..
303	Do	..	..

Name of Book	Translator's name	Remarks
Introduction to Physical Chemistry. Part I.	Firozuddin Murad ..	
Do Part II	Do ..	In Press.
BIOLOGY.		
Elementary Text-Book of Zoology for Indian Students (Ran-Tigini: " Indian Frog " and Phelma Posthornas: " Indian Earthworm).	Md. Rahimullah ..	In Press.
Elementary Zoology for Medical Students.	Md. Sayyiduddin ..	Under revision.
Dictionary of Scientific Terms	Terms Committee ..	Under translation.
The Text-Book of Botany Part I.	Md. Sayyiduddin ..	Under revision and partly In Press.
Do Part II	Dr. ..	Do
A Junior Course of Practical Zoology (Revised by T. W. C. Field).	Md. Rahimullah ..	In Press.
Practical Botany	Abdul Razzak ..	In Press.
Outlines of Zoology	Md. Rizwan Mirza ..	Under translation.
MEDICINE.		
Manual of Diseases of Children		Under translation.
Manual of Practical Anatomy (Edited by Arthur Robinson Vol. I)	Dr. Fazl Karim Khan ..	In Press.
Do Vol. II	Dr. Mufti Shah Nawaz ..	Do
Do Vol. III	Dr. Md. Osman Khan ..	Under revision. and Dr. Fazl Karim Khan
Forensic Medicine and Toxicology.	Dr. Md. Husam ..	Under revision.
Dictionary of Medicine	The Terms Committee ..	Under translation.
Gynaecology	Dr. Ghulam Dastagir ..	Do
A Treatise on Hygiene and Public Health	Dr. Md. Osman Khan ..	Under revision.
Medaria Medicina Part I. (pp. 1-314.)	Dr. Hasan Ali Khan ..	In Press
Do Part II. (pp. 315-690).	Dr. Hamid Hussain and Dr. Gulam Dastagir ..	Do
Anatomy Part I. Embryology, (Edited by Robert Howden)	Dr. Md. Ashraful Haq ..	Do
Anatomy, Part II. Histology (Do)	Do ..	Do
Anatomy, Part III. Osteology (Do)	Do ..	Do
Anatomy, Part II. Myology, (Edited by Robert Howden)	Do ..	Do
Anatomy, Part V. Syndesmology (Do)	Do ..	Do
Anatomy, Part VI. Angiology.	Hakim Qabiruddin ..	Do
Anatomy, Part VII. Neurology	Dr. Fazl Karim Khan and Dr. Mufti Shah Nawaz ..	Under revision.
Do Part VII. Splanchnology.	Dr. Md. Osman Khan ..	Do
Manual of Pathology and Morbid Anatomy, (Revised and enlarged by A Piney)	Dr. Fazl Karim Khan ..	Under translation.
Essentials of Chemical Physiology.	Dr. Mufti Shah Nawaz ..	In Press.
Handbook of Physiology. Part I. (pp. 1-312).	Dr. Enayat Ali Khan ..	Do
Handbook of Physiology. Part II. (pp. 313-636).	Md. Ali Shah ..	Do

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
304	Dr. Halliburton, W. D.	Handbook of Physiology, Part III. (pp. 637-936). Clinical Methods...	Dr. Sayyid Nasir Abbas.	In Press.
305	Hutchison, R. & D. Hunter	Manual of Bacteriology	Dr. Fazl K. Ahmad Khan	Under revision.
306	Muir, R. & James Ritchie	Mammal of Surgery	Dr. Murti Shah Nawaz	Under translation.
307	Rose and Charles	Experimental Physiology	Dr. Mukhtar Husain	Under translation.
308	Schafer, Sir E. Sharpey	The Essentials of Histology	Dr. Md. Osman Khan	Do
309	Do	Part I.	Do	In press
310	Do	Do	Part II.	Do
311	Taylor	Practice of Medicine (B.V.E.P.)	Dr. Md. Osman Khan	Under translation.
		Postponed with the assistance of C. Putnam Symonds, H. W. Barker & R. D. Gill (spic).	& Dr. Md. Hussain	To be translated Do
312	Ten Teachers	Midwives' Right & Duty (Conyngham's Midwifery).	Dr. Khalilur Rehman	Under translation.
313	Waring, Sir Herbert J.	Main of Operative Surgery.	Do	Do
314	Treves, Sir Fredrick, Bart	Surgery of Applied Anatomy (Reviewed by C. C. Cheyne.)	Do	Do
ENGINEERING.				
315	Andrews, E. S.	Theory A.D. sign of structural Applied Mechanics, Vol. I.	Zia-ud-din Ansari	Under translation.
316	Cunningham, Lear-Coll. A.	Technical Electricity.	Zia-ud-din Ansari	In Press.
317	Davidig, H. T. & R. W. Hutchinson	Mechanics	Afzal Ali Khan	Under translation.
318	Dunkerley, S.	Irrigation	Mirza Md. Ali	Under translation.
319	Ellis, Col. W. M.	Reinforced Concrete Design : Practice.	Md. Razzaqullah	In Press.
320	Faber, O.	Reinforced Concrete Design : Theory.	Md. Hafizullah	Do
321	Faber, O. & P. G. Bowie	Reinforced Concrete Design : Theory.	Zia-uddin Ansari	Do

322	Geikie, James ..	Structural and Field Geology.	Mirza Md. Ali Beg ..	Under translation.
323	Goodman, John ..	Mechanics Applied to Engineering.	Dildar Hussain ..	Do
324	Harrison, Major J. H. C.	Applied Mechanics Vol. II.	Zia-uddin Ansari ..	In Press
325	Inchley, W.	The Theory of Heat Engine ..	Minza Mehdi Ali ..	Under translation.
326	Lamb, Horace ..	Infinitesimal Calculus Part I..	Qazi Md. Husan and Kishen Chand.	
327	Do ..	D ..	Do ..	
328	Do ..	Do ..	Part II. ..	
329	Lea, F. C. ..	Hydraulics ..	Ma'mudin Khan ..	Under translation.
330	Love, Col. H. D.	Do ..	Nematullah Khan ..	In Press
331	Mitchell C. F. and Davey E. G.	Forty Lessons in Engineering Workshop Practice, ..	Dildar Hussain ..	
332	Morley, A. ..	Strength of Materials ..	Zia-uddin Ansari ..	
333	Pierpoint, A. E. ..	A Mensuration for Indian Schools and Colleges Part I.	Md. Azizur Rahman ..	
334	Do ..	Do Part II. and III. ..	Do ..	
335	Rhead E. L.	Metallurgy ..	Abdullah Hasan ..	Under translation.
336	Ripper, William ..	Steam-Engine : Theory and Practice.	Mahmood Alam and. Zia-uddin Ansari ..	In Press
337	Roorkee Treatise Section. I.	Building Materials ..	Md. Asadullah ..	Do
338	Do ..	Masonry ..	Manzoor Hussain ..	Under translation
339	Do ..	Carpentry. ..	L. M. Mukerji ..	
340	Do ..	Earthwork ..	Manzoor Hussain ..	Under translation.
341	Do ..	V. Examples of Estimating	Muhammad Hussain ..	
342	Do ..	VI. Building Construction	Mahajir ..	
343	Do ..	VII. Bridges ..	Md. Azamatullah ..	
344	Do ..	VIII. Roads ..	Ghulam Md. Khan ..	
345	Do ..	IX. Railways ..	Do ..	
346	Do ..	X. Irrigation Works Vol. I.	Mir Iqbal Ali and ..	In Press.
347	Do ..	Do Vol. II.	Zia-uddin Ansari ..	
			Sayyid Ali Raza ..	
			Sayyid Ali Raza and Sami-ul-ah Shah ..	Under translation

No.	Author's or compiler's Name	Name of Book	Translator's Name	Remarks
348	Roorkee Treatise Section XI. ...	Sanitary Engineering Part I. ... Water-Supply.	Ahmad Mirza	In Press
349	Do	XII. ... Do	Part II.	Do
350	Do	XIII. ... Drawing Manual, Part I.	S. Abdul Rahman ..	Do
351	Do	XIII. ... Do	Part II.	Do
352	Do	XIV. ... Surveying Part I.	Lokandar Bahadur .. and Md. Rizal-ullah	Do
353	Do	XIV. ... A Summary of the Geology of	Md. Rizal-ullah .. Md. Ali Beg ..	Do
354	Vredenburg, E. W.	India.		
355	The Terms Committee, Osmania University	A Collection of Technical Terms	..	

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12. Imperial Library, Calcutta.
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14. India Office Library, London.
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20. Darul Musannifin, Azamgarh.
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24. Intermediate College Library, Warangal.
25. Engineering College Library.
26. Training College Library.
27. Roorkee Engineering College Library.
28. Urdu Gashti, Kutukhana.
29. Anjuman-i-Himayatul Islam Lahore.
30. Educational Secretariat.
31. Madarsatul Islam, Azamgarh.

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III. RECOGNISED HIGH SCHOOLS.**A. High Schools.**

1. City High School, Hyderabad.
2. Osmania High School, Darul Ullum, Hyderabad.*
3. Do Nampalli, Hyderabad.
4. Do Aurangabad.*
5. Do Nanded.
6. Do Jalna.
7. Do Bir.
8. Do Parbhani.
9. Do Gulbarga.*
10. Do Osmanabad.
11. Do Raichur.*
12. Do Mahbubnagar.*
13. Do Hanamkonda.
14. Do Nalgonda
15. Do Karimnagar
16. Do Jagtiyal.
17. Do Medak.
18. Do Bidar
19. Islamiah High School, Mathwada
20. Musidul Anam High School.
21. Asafia High School, Malakpet.
22. The State High School, Bhopal.

*N.B.—*Prepare students for the Matriculation Examination of the Faculty of Theology also.*

B. Middle Schools (permitted to prepare students for the Matriculation Examination).

1. Osmania Middle School, Darushshafa, Balda.
 2. Do Chanchalguda.
 3. Do Matwada.
 4. Do Khammam.
 5. Do Nirmal.
 6. Do Latur.
 7. Do Nizamabad.
 8. Do Yadgir.
 9. Do Sharapur
 10. Do Nootan Vidyal, Gulburgah
-

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FACULTY OF ARTS.

MATRICULATION EXAMINATION 1940 F. (1931).

Roll No.	Name	Class	School	Remarks
2	Syed Khwaja Mahabbat Hussain	:	Govt. City High School	
12	Md. Abdul Karim	:	do	
35	Md. Nasir Ali	:	do	
84	Md. Abdul Wahab	:	Darul-Uloom High School	
141	P. Kishen Rao	:	do	
226	Md. Abdul Hameed Mahmudi	:	Bidar High School	
252	M. Venugopal Reddy	:	Nalgonda High School	
280	Digamber Rao	:	Nirmal High School	
414	Shripad Deshpande	:	Aurangabad High School	
716	R. V. Srinivas Rao	:	Khammam High School	
1	Md. Habibuddin	:	Govt. City High School	
3	Mahabbat Ali	:	do	
4	Md. Rahmat Ali	:	do	
8	Syed Abdul Karim	:	do	
9	Syed Md. Ahmad Ali Kazmi	:	do	
10	Muhammad Hussain	:	do	
11	Mir Inayat Ali	:	do	
13	Rahashid Hussain	:	do	
14	Anand Rao	:	do	
15	D. Rajeshwar Rao	:	do	
16	Vithal Rao Warwalkar	:	do	
18	M. Ramchandra Reddy	:	do	
20	Md. Zahuriddin	:	do	
21	Ahmed Abdul Aziz	:	do	
22	Syed Moimuddin	:	do	

Failed in Theology.

	Failed in Theology.
23	Syed Noorul-Muqtada
24	Ali Abbas Qureshi ..
25	Md. Basharat Ali Khan ..
26	Md. Rizwazuddin Ahmad ..
27	Md. Fareeduddin ..
28	Shaukatullah Khan ..
29	Hasan Bhai ..
30	Md. Alam Khan ..
31	Md. Jamil Mirza ..
32	Sved Mosa ..
33	Muhammad Yaqub ..
34	Sayed Razzaq Ali Afzal Qadri ..
35	Mir Sardar Ali ..
36	Syed Emanul Hassen Razvi ..
37	Ghulam Ahmad Khan ..
38	Md. Abdul Jabbar ..
39	Kiranja Md. Monnuddin ..
40	Md. Mazharuddin Sharif ..
41	Syed Ahmed Qadri ..
42	B. Nasirugh Pershad ..
43	Sved Amir Hasan Razvi ..
44	Mir Vizarrat Ali ..
45	Srinivas Rao ..
46	Babu Jagmohan Lal ..
47	G. Venugopalharti ..
48	Ghulam Siddiq Ahmed ..
49	Syed Ghans Muhimuddin ..
50	Tahmiyat Ali Khan ..
51	Khwaja Muinuddin Sharif ..
52	Md. Nasiruddin ..
53	Mir Akram Ali ..
54	Ghulam Md. Monnuddin Khan ..
55	Syed Bashiruddin Nizami ..
56	do ..
57	do ..
58	do ..
59	do ..
60	do ..
61	do ..
62	do ..
63	do ..
64	do ..
65	do ..
66	do ..
67	do ..
68	do ..
69	do ..
70	do ..
71	do ..
72	do ..

Roll No.	Name	Class	School	Remarks
73	Syed Ghousuddin ..	..	..
76	Md. Faruq Siddiqi ..	..	..	do
78	Ghulam Qadir Ali Khan	..	..	do
80	Qadir Khan	..	..	do
82	Syed Muhammad Wali	..	..	do
86	Syed Qadir Husain	do
90	Md. Ismail Ali Khan Faruqi	do
91	Muhammad Mujtaba	do
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102	Syed Wahiduddin	do
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106	M. hammad Sharifuddin	do
107	Mohammad Jafar	do
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109	Varap Venkata Narsihvan Rao	do
113	Syed Hashim	do
117	Mohammad Makhruddin Ahmad	do
118	Kishen Rao ..	..	..	do
119	Mohammad Bahadur Ali Khan ..	..	..	do
123	Mohammad Nasrat Ali Siddiqi	..	..	do
126	Syed Akhtar Hasan ..	..	..	do
131	Mohammad Abdur Rashid	..	..	do
137	Habibullah Khan ..	..	..	do
144	Vasdev Rao ..	..	..	do
146	Ghulam Dastagir ..	..	..	do
147	Muhammad Jahanzeb ..	..	..	do
148	Syed Amir Muhammad ..	..	..	do

Concluded

Failed in Theology		Failed in Theology	
149	Syed Azizul Ildin Ahmad	do	do
150	Md. Akbar Ali Khan	do	do
151	Aziz Ahmad Zubairi	do	do
152	Mechendar Raji ..	do	do
153	Md. Ghulam Jalani	do	do
154	Muhammad Basiruddin	do	do
155	Ahmad Mathuriddin	do	do
156	Vahmud Qureishi ..	do	do
157	Raghwender Rao Medkanhalkar	do	do
163	Muhammad Fazl-ul-Baqi	do	do
166	Mirza Murtaza Beg	do	do
167	Dattatrayya ..	do	do
169	Shiv Rama Chari ..	do	do
172	Narayan Acharia ..	do	do
177	Muhammad Qamruddin	do	do
179	Somanath Reddy ..	do	do
180	Narsappa ..	do	do
181	Syed Abdur Rashid	do	do
182		Asfiah High School, Malakpet	
185	Narayan Rao ..	do	do
187	Yellappa ..	do	do
190	Shankar Godh ..	do	do
191	Gazi Md. Abdul Karim	do	do
192	Kashi Rao ..	do	do
194	Muhammad Abdur Rahman	do	do
195	Verdah Chari ..	do	do
200	Sumbah Rao ..	do	do
207	Md. Navuzz Jafri ..	do	do
209	Md. Fazhullah Kazimi	do	do
211	L. Rama Chari ..	do	do
216	Ahmad Abdul Hamid Khan	do	do
223	Shah Murtaza Qadri	do	do
224	Md. Ashfaq Hussain Qureishi ..	do	do
227	Syed Ali ..	do	do
228	Syed Shabbir Husain	do	do

Roll No.	Name	Class	School	Remarks
229	Shah Abdur Razzaq Qadri	III	Bidar High School	
233	Kalyan Rao Juntikur	II	do	
243	Mir Ghulam Nabi Hussain	II	Melkak High School	
245	Venkat Narayan	II	do	
246	Iswarya	II	do	
247	Mauak Rao	III	Nalgonda High School	
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254	Md. Abdul Khadij	do	do	
255	Hyder Ali Ahmad Chaudhri	do	do	
256	Mohammad Ahmad Ali	do	do	
257	Syed Habib-ur-Rahman	II	Jagtyal High School	
260	Mohammad Hafi	II	do	
263	V. Gopal Reddy	II	do	
264	K. Lakshmi Narayani	II	do	
265	M. Srivang Rao	II	do	
268	Syed Jafar Sharif	Completed	Nizam High School	
271	Mohammed Ibrahim	III	do	
274	Syed Shamuddin	II	do	
278	Gavind Rao	III	do	
279	Ram Rao	III	do	
281	Kashi Ram	II	do	
282	Ram Kishen Rao	II	do	
283	Gangaram	II	Nizam do. of High school	
284	Keshav Rao	II	do	
286	P. Sayama	II	do	
290	Mohammed Majeed Khan	Completed		
295	Mohammed Afzal-ur-Rehman	II	do	
300	Rafiquddin Ahmad	II	Private	
308	Macood Ahmed Khan	II	do	
317	Mohammed Ibrahim	II	do	
319	Syed Karimullah	III	do	

Roll No.	Name	Class	School	Remarks
435	Abdul Khalq	II	Parbhani High School	
436	Mirza Razzaq Beg	II	do	do
437	Venkatesh	III	do	do
439	Govind	II	do	do
440	Anant Joshi	II	do	do
442	Narhar Kalkarni	Completed	do	do
446	Shah Muhammad Mirzur Rahman	II	Rajula High School	
447	Syed Abdul Qadir	II	do	do
449	Muhammad Faizullah	II	do	do
454	Shambhu Pershad	II	do	do
455	Md. Mushtaq Ahmed	Completed	do	do
460	Qazi Rashid Ahmad	II	Bir High School	
462	Damodhar	II	do	do
465	Bangmath	Completed	do	do
466	Narsingh Rao	II	do	do
486	Bhagwan Gokhale	do	Private	
487	Vaman Rao Patil	do		
491	Govard Rao Powar	do		
492	Md. Abdur Qadir	do		
493	Md. Karimuddin	do		
494	Md. Mahmududdin	do		
495	Md. Abdul Wahab	do		
509	N. Tafappa	II	Aurangabad High School	Pas-t d in Theology
514	H. Rechotapna	II	do	do
535	Shakthi Ahmad	III	do	do
537	Md. Siziz Mirza	II	do	do
544	Syed Abbas Hussain	III	do	do
546	M. S. Bedekar	II	do	do
555	Chaddubbar Rao Gangavati	II	do	do
557	Swami Rao	II	do	do

558	Murzappa	:	:	II	do
566	K. Shivarappa	:	:	II	do
567	K. Venkatesh	:	:	III	do
570	V. N. Ainaapur	:	:	II	do
579	Muhammad Ibrahim	:	:	Completed	do
580	Muhammad Yakkil Ahmad Faruqi	:	:	do	do
581	Ghulam Muhiuddin Kosgavvi	:	:	do	do
582	Mahe-sh Sankar Nagoray	:	:	do	do
583	Shaikh Abdur Rahman	:	:	do	do
584	Mannath Chaudhri	:	:	do	do
598	Giri Rao	:	:	Raichur High School	
599	Kishen Srinivas Rao Manvi	:	:	III	do
602	Eknath Rao	:	:	II	do
603	Besingoda	:	:	III	do
604	J. Hammanit Rao	:	:	II	do
615	Manohar Rao Ram Rao Deshpande	:	:	Latur High School	
618	Vishwanath Madhonao	:	:	II	do
619	Vishwanath Kondeba	:	:	II	do
620	Keshev Rao Kalkani Holikar	:	:	II	do
621	Govind Ishvant Rao	:	:	II	do
622	Balchandar Rao Mahajan	:	:	II	do
624	Babu Rangnath Rao Harikar	:	:	Completed	do
625	Gopinath Ram Rao Vaidya	:	:	do	do
626	Lakshman Ganesh Rao Patwari	:	:	III	do
631	Bapu Rao	:	:	Private	do
643	Srinivas Karshat Bhat	:	:	III	do
646	Virbhadraya Merkambakar	:	:	Completed	do
652	Md. Abdul Karim	:	:	do	Gulburgah High School
653	Bhinsin Rao	:	:	do	Raichur High School
654	Raghappa	:	:	II	Warangal High School
655	Syed Zainiruddin Ahmed	:	:	II	do
656	Muhammad Abdul Aziz	:	:	II	do
659	Muhammad Rahimuddin	:	:	II	dc
663	Kalol Lakshmi Narshivan Rao	:	:	III	do
669	Anant Rao Deshmukh	:	:	III	do

Passed in Morals.
do

Roll No.	Name	Class	School	Remarks
670	Md. Shahabuddin	III	Warangal High School	Failed in Theology
671	Muhammad Abdul Jahar	II	do	do
672	Panchadhar Ramchandar Rao	II	do	do
673	Muhammad Mahmand Ali	II	do	do
682	Kundapaka Kankya	III	do	do
683	T. Kumarayya	II	do	do
684	Raveshwarla Lakshmi Narayana	II	do	do
685	S. Markandeshwer Rao	II	do	do
686	Vedlakunna Ramchandra Rao	II	do	do
688	S. Lakshmi Narayana	II	do	do
690	D. Venkat Ramayya	II	do	do
693	Jamalapur Jagannath Rao	II	do	do
695	Offkoo Ram Rao	III	do	do
697	Muhammad Imtiauddin Samars	Completd	do	do
698	Syed Qudratullah Hussaini	II	do	do
699	Syed Aboos Samad Raza	II	do	do
700	S. Jagannath Athuri	III	Kurnool High School	Pass d. in Maths,
701	G. Mankara Rao	II	Jakkayal High School	do
702	S. Venkat Rao	II	Mathwara High School	do
708	Syed Muhammad Qadri	II	Khamman High School	do
711	K. Narayana Rao	II	do	do
714	K. Lachhmi Narsihyan Rao	II	Kurnool High School	Failed in Maths,
718	Siraj Ahmad	III	do	do
724	Khwaja Muniauddin Faruqi	II	do	do
737	Muhammad Zahidurridin	II	do	do
739	K. Yasu Das	II	do	do
744	Venkat Ram Rao	II	do	do
747	Syed Ibrahim	Completd	do	do
748	Khwaja Muhiuddin	do	do	do
749	Muhammad Muinuddin	do	do	do
757	Venkat Srinivas Rao Harkaray	II	do	do
				Private

			Completed	Warangal High School	Passed in Morals
760	E. Nag Reddy	"	:	Karimnagar High School	
761	Venkat Narsingh Rao	"	:	Private	do
762	Venkat Rajam	"	:	Alexandra Jahangir High	do
764	Syed Muhammad Hasan	"	:	School, Bhopal	do
768	Musharrraf Husain Khan	"	II		
770	Abdul Azim	"	II		
771	Nawab Ali Khan	"	III		
781	Har Pershad Varma	"	II		
789	Maqsood Ali Khan	"	II		
791	Muhammad Azam	"	II		
794*	Rajaram Sharma	"	II		

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Roll No.	Name	Class	School	Remarks
37	Mohammad Ghans Muhiuddin	II	Govt. City High School	
42	Khurshid Ali Khan	I	do	
43	Mir Zamin Ali ..	II	do	
46	Sayyid Jafar ..	III	do	
49	Mahmud Nawaz Khan ..	II	do	
51	Abul-Matarin Muhammad Fahimuddin ..	III	do	
32	Qazi Kahir Ahmad ..	II	do	
54	Sayyid Muhammad Tahir Kazimi ..	II	do	
59	Rajkumar Nath ..	II	do	
62	C. Moti Ram ..	II	do	
63	P. Rathnayaka ..	III	do	
73	Sayyid Mahmud ..	II	do	
75	Sayyid Ghans Qadri ..	..	Completed	
76	Kishan Rao ..	..	Completed	
77	Azad Ali ..	II	do	
79	Mohammed Mokarram Hosain ..	I	do	
80	Mohammad Nasim ..	II	do	
82	Mohammad Riyazuddin ..	II	do	
85	Abdullah Bhai ..	II	do	
86	Mohsin Ali ..	II	do	
87	Mustansir Ali ..	II	do	
90	S. Sayid Qasim Ali ..	II	do	
93	Mohammed Hashim Ali ..	II	do	
94	Mohammed Anwaruddin Ahmad ..	II	do	
96	Mohammed Ghulam Dastagir ..	II	do	
97	Jamil Ahmad Khan ..	II	do	
99	Sayyid Ali ..	II	do	
101	Bahu Shanker Rao ..	II	do	
104	K. Ramchander ..	I	do	

		Darul Uloom High School	Completed
105	Madhu Reddy ..	..	..
107	Trimbak Rao ..	do	do
108	Dattarayya Jolkalkar ..	do	do
109	K. V. Joga Reddy ..	do	do
110	P. Gopal Reddy ..	do	do
111	R. Krishna Reddy ..	do	do
113	Mohammed bin Ahmad Bahazaq ..	do	do
118	Muhammad Zakiruddin ..	do	do
120	Muhammad Abdul Bari ..	do	do
121	Muhammad Abdullah Khan ..	do	do
122	Jabir bin Abdullah bin Sayeed ..	do	do
124	Muhammad Ali Khan ..	do	do
125	Ghulam Mahmud Samdane ..	do	do
127	Abul Fazl Muhammad Zakariya ..	do	do
129	Sayyid Abdul Baqi ..	do	do
131	Sayyid Niamatullah Qadri ..	do	do
138	Muhammad Yaqub Ali Khan ..	do	do
140	Sayyid Alauddin Nahri ..	do	do
141	Muhammad Yaqub ..	do	do
142	Sayyid Abdul Hamid ..	do	do
146	Muhammad Maroof ..	do	do
148	K. Achta Reddy ..	do	do
150	Kanal Seshagir Rao ..	do	do
151	Hari Venkatappa ..	do	do
154	M. Veeranna ..	do	do
155	M. Krishna Reddy ..	do	do
156	Lanka Vishwanadhi Shastri ..	do	do
158	Ram Rao ..	do	do
160	Jhumar Lal ..	do	do
163	P. Sanjeev Rao ..	do	do
164	M. Venkaiya ..	do	do
165	Girija Paattabhi Ramayya ..	do	do
166	Muhammad Ghous ..	do	do
168	Muhammad Razur-Rahman ..	do	do
173	Muhammad Ghulam Muinuddin Lashkari ..	do	do

Roll No.	Name	Class	School	Remarks
177	Mohammad Abdul Rashid Korangali	II	Darul-Uloom	
183	M. A. Nafisuddin	II	do	
184	Sayyid Ruzza Ali	III	do	
186	Obaidullah Sahir	II	do	
191	Sayyid Muhammad Atzaluddin	Completed	do	
193	Ghulam Siddiqi	do	do	
194	Sayyid Hussain	do	do	
195	Sayyid Abdul Wahid Rizvi	do	Nampalli High School	
198	Mohammad Muzaaffarnuddin Khan	III		
208	Mohammad Abdul Sattar Khan	III	do	
210	Mirza Askari	II	do	
211	Nagu Rao	III	do	
213	Narsihyan Rao	III	do	
215	M. R. Ram Krishna Reddy	III	do	
216	Lakshman Rao	II	do	
217	Shankerayya	III	do	
218	Narsihyan Chari	III	do	
219	Jaya Chari	I	do	
221	Ahmad Badruddin	Completed	do	
222	Lakshmana Chari	do	do	
226	Sayyid Ismail	II	Md. Akbar High School	
238	Mirza Qaiser Beg	III	do	
242	Mohammad Abdul Hamid	II	do	
243	Sher Muhammad Khan	II	do	
251	Diganbar Rao	III	Darul-Uloom	
255	Sayyid Shams-uddin Qadri	II	do	
263	Mahmud Sharif	II	do	
267	Gazi Muhammad Yusufuddin	III	do	
271	K. Ramchander Rao	I	do	
275	Amapath Reddy	II	Mahabulnazar High School	
281	Mustafa Ahmad Qureshi	II	do	

Absent in 1st class.

Roll No.	Name	Class	School	Remarks
370	Ishrat Ali Khan	..	.. Completed	Nizamabad High School
373	Khair-un-Nisa Begum	..	.. do	Women's College
381	Fathu-un-Nisa Shahzadi Begum	..	Passed	Private
386	M. Rafiwerder Rao	..	.. III	do
405	Mohammad Mahabub	..	.. III	do
407	Mohammad Umardaraz Khan	..	.. III	do
409	Mohammad Abdur Razzaq	..	.. III	do
411	Mohammad Hussain	..	.. Completed	do
418	Naqash Rao	..	.. III	do
427	B. Seba Reddy	..	.. III	do
431	M. Mohammad Qutubuddin	..	.. Completed	do
433	Pilja Baghu Rao	..	.. do	do
434	V. Govind Reddy	..	.. do	do
436	Sham Rao Mureeswar	..	.. do	do
439	Ghulam Reesad Khan	..	.. do	do
440	D. Ram Krishan Rao	..	.. do	do
441	Mohammad Rati-ul-Hasan Ansari	..	.. do	do
442	Mohammed Amin Khan	..	.. do	do
443	Sayyid Nasir	..	.. do	do
444	Mir Khayat Ali	..	.. do	do
445	Mohammad Bacharat Ali Khan	..	.. do	do
446	Mohammad Faail Mirza	..	.. do	do
447	Ghulam Amin Khan	..	.. do	do
448	Mohammed Makhmudullah Saeed	..	.. do	do
450	Sayyid Masoududdin	..	.. Passed	do
453	Ghulam Mahabub	..	.. do	do
454	Mohammad Azmat Ali Khan	..	.. do	do
457	Mir Mohammad Ali	..	.. do	do
458	Mir Siddiq Ali	..	.. do	do

Passed in Theory

459	Sayyid Noor Muhammad	:	do	do
460	Sayyid Turab Ali Rezvi	:	do	do
461	Sayyid Muhammad Razi	:	do	do
462	Muhammad Abdur Rahim	:	do	do
463	Sayyid Shah Shahabuddin Nahri-ul-Qadri	:	do	Aurangabad High School
464	Junaid Ahmad	:	do	do
465	Sayyid Muhammad Ali Abbasi	:	do	do
466	Sayyid Muhammad Shujat Ali Abbasi	:	do	do
467	Muhammad Kalimullah Siddiqi	:	do	do
471	Sayyid Akbar Suff	:	do	do
473	Shah Dev	:	do	do
474	Bhajang Rao	:	do	do
475	Dattatrayya	:	do	do
476	Bhagwant Rao Garay	:	do	Aurangabad High School
478	Tukaram Godbole	:	do	do
479	Muhammad Jamil Ahmad	:	do	do
482	Muhammad Abdul Wahid	:	do	do
483	Purshotam Bhale	:	do	do
486	Ramchandar Rao Makant Bende	:	do	do
488	Kashinath Molay	:	do	do
490	Srinivas Rao Dhongre	:	do	do
492	Sayyid Shah Abdus Saitar Nahri-ul-Qadri	:	Completed	do
497	Azizuddin Altumad Hashimi	:	do	do
498	Muhammad Amruddin	:	do	do
499	Qazi Sultan Muhiuddin Ahmad	:	do	do
500	Eramma	:	do	Nanded High School
501	B. Bhim Rao	:	do	do
502	Lakshman Rao	:	do	do
503	Muhammad Ikramullah	:	do	do
506	Mahadev Rao Nandedkar	:	do	do
512	Muhammad Abdul Wahab Qureshi	:	do	do
514	Muhammad Abdul Rashid	:	do	do
515	Ram Rao	:	do	do
516	Sayyid Abdul Halim Razvi	:	do	Parbhani High School
521	Narayan Pershad	:	do	do
523	Govind	:	do	do

Roll No.	Name	Class	School	Remarks
525	Mervati Nago Rao ..	..	..	Parbhani High School
526	Dattatrayya Govind ..	..	..	do
528	Saratamsur Deshpande ..	..	..	do
530	Sayyid Asfaq Hossain ..	..	..	do
531	Mohammed Nasiruddin ..	..	..	do
532	Dizambar ..	..	..	do
532	Mahadev Moreshwar ..	..	..	do
533	Dattatrayya Mandalkik ..	..	..	do
534	Mohammed Yusuf Hinjwala ..	..	..	Jadna High School
535	Chhannuval ..	..	..	do
538	Sayyid Mohammad Ali Riyaz-ul-Hasan Hashimi ..	..	..	do
539	Mohammad Abdul Samed Siddiqi ..	..	..	do
540	Mohammad Abdul Ghafur Tafir ..	..	..	do
541	Dizambar Dahdakkar ..	..	..	do
542	Keshav Mukkar ..	..	..	do
543	Mohammad Abdul Qadir Fanti ..	..	..	do
544	Mohammad Aedhi Wahab Khan ..	..	..	Bhi High School
547	Dattatrayya ..	..	..	do
551	Ram Rao ..	..	..	do
552	Ishwandi ..	..	..	do
554	Bapu Rao ..	..	..	do
556	Narayan ..	..	..	do
558	Amant Rao ..	..	..	do
560	Ballihim ..	..	..	do
568	Narayan Rao ..	..	..	Private
569	Raghunath ..	..	..	do
570	Dattatrayya Rao Giridhar ..	..	..	do
576	Mohammed Mansoor Ali ..	..	..	Gulburga High School
577	Mohammed Abdul Qayym ..	..	..	do
580	Padmakar Kothikar ..	..	..	do
587	Sayyid Jafar ..	..	..	do

588	Shama Chari	1	II
589	Ganday Rao	do	do
601	Rahmatullah	do	do
605	Muhammad Pasuiddin	do	do
606	Muhammad Ibrahim Khan	do	do
607	Muhammad Abdul Hamid	do	do
608	Khan Muhammad Abdul Hamid Shahpuri	1	II
609	Khwaja Ghulam Nabi	II	II
610	Muhammad Imamuddin	do	do
618	Sayyid Zahoor Hyder	do	do
619	Sabaya	II	do
623	Bapu Ayahalikar	III	do
625	D. Waran Rao	do	do
627	Waran Rao Deshmukh	II	do
633	S. Narayan Rao	II	do
636	Bhimsen Rao Desai	II	do
637	B. Sadh Lingappa	III	do
638	M. Ragunath Singh	II	do
639	Hannant Rao Kamatgi	II	do
640	M. Sad Veeriah	1	do
641	Virabhadra Rayya Matinath	II	do
648	D. Ramappa	II	do
649	Muhammad Abdu's Salam	do	do
550	Sayyid Abu'l Hamid	do	do
652	Muhammad Abdul Halim	do	do
653	Muhammad Amir	do	do
654	Mahmud Hosam	do	do
655	Muhammad Kalim Ahmad Siddiqi	do	do
656	Gurunath Rao Malunkar	do	do
657	T. Shanker Rao	do	do
658	Adappa	do	do
659	K. Sadyanalvarkar	do	do
660	Lingan Ghorah	do	do
661	Vishwanath Rao	do	do
662	Muhammad Khaliluddin	do	do

Gulburga High School

Completed

Roll No.	Name	Class	School	Remarks
670	D. S. Bedekar	..	..
671	Bhajrang Lal Sitwastu	..	..
672	Shanker Rao Shivaii Rao Yeddu	..	..
679	Mohammed Abdul Wahid	..	..
685	Sayyid Abdul Ghafur	..	..	Yadgi High School
686	Mohammad Abdul Qaiyum	..	..	do
690	M. Sitnaya Rao	..	..	do
692	G. Hammantha Chari	..	..	Rai Nur High School
694	Hiyunadechhari	..	..	do
695	K. Raghava Reddy	..	..	do
696	Hannum Rao Maneekar	..	..	do
697	Ahmad Abdul Qayymu	..	..	do
699	Shaikh Ahmad	..	..	do
702	Bam Nivas Asarval	..	..	do
707	Muhammad Osman	..	..	Lather High School
712	Digambar	..	..	do
715	Narayan	..	..	do
717	Vasudev Rao	..	..	do
718	Mank Gangath Rao Pherkar	..	..	Completed
720	Digambar Rao Powarkar	..	..	do
722	Ali bin Ahmad	..	..	Osman Abd High School
731	Ambadas Rao Pathak	..	..	do
732	Anurat Lal Kulkarni	..	..	do
734	Sripad Argaonkar	..	..	do
735	Sridhar Rao Jo-hu	..	..	do
736	Venkatesh Narhar Rao	..	..	do
737	Govind Ahdaria Gangnor	..	..	Private
739	Bhajang Rao Vanan Rao Randorkar	..	..	do
740	Mirza Ghutam Ahmad Siddiqi	..	..	do
747	Sayyid Osman Chukshi	..	..	do

Roll No.	Name	Class	School	Remarks
835	Sayyid Halizuddin ..	II	Khamman High School	
837	Sayyid Nafisul Hasim Naqvi ..	II	do	
839	H. Jagmath Rao ..	II	do	
840	Sayyid Halibuddin ..	II	do	
843	V. Venkat Narhwan Rao ..	I	do	
844	T. Hammath Rao ..	II	do	
845	V. Gopal Krishan Rao ..	II	do	
846	V. Narayan Rao ..	...Compt fed	do	
847	L. Lakshmi Narasimhan Rao ..	do	do	
848	R. Raghu Rao ..	III	Karmnagar High School	
849	M. Bhama Rao ..	II	do	
851	M. Surya Narayana Rao ..	II	do	
856	Mohammed Khanuddin ..	III	do	
857	Mohammed Janethuddin ..	III	do	
858	S. Venkata Vardhan ..	III	do	
859	C. Hammantum ..	II	Karmnagar High School	
860	G. Malla Reddy ..	II	do	
872	N. Satyanarayana ..	II	do	
867	K. Venkata Rao Shaw Rao ..	I	do	
868	J. Ramapalai Rao ..	II	do	
869	Shaikh Hyder ..	...Compt fed	do	
870	Mohammed Ismail ..	do	do	
872	Ram Gopal Rao ..	do	do	
873	Ahmad Hussain Khan ..	do	do	
879	Bidar Ahmed ..	II	Jagthand High School	
884	Mohammed Ismail ..	do	do	
885	Mohammed Abdu Salam Akhtar ..	do	do	
886	Mohammed Mohiuddin Beg ..	do	do	
887	R. Gopal Matesham ..	do	do	
888	K. Shivarajam ..	do	do	
911	M. Madsoodhan Rao ..	II	Private	

Passed in Theology

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New Regulations

Roll No.	Name	Class	School	Remarks
3	Mohd. Abdus Samad Khan	II	City High School	
5	Shaffiqat Hussain	II	do	
6	Hatim Ali	II	do	
8	Mohd. Akbaruddin Siddiqi	II	do	
12	Mohd. Husam Khan	III	Danil Union	
20	Mr. Benkhat Persehad	II	do	
22	Mohd. Abdul Rahim Khan	II	Nampally High School	Failed in Theology
33	Mohd. Alimuddin Muhiuddin	II	Darush Shafa High School	
38	Mohd. Riyazuddin	II	do	
39	Ghulam Khwaja Qutbuddin	II	do	
40	Mirza Ahmad Qamruddin Bawali	II	Bidar High School	
42	Sayyid Abdur Razzom	II	Medak High School	
46	Saequuddin Ahmad	II	Nizamabad High School	
49	Shaikh Imamat	II	Private	
51	Sayyid Kadiuddin	II	do	
52	Sayyid Asghar Ali	II	do	
67	Mohd. Abduh Hussain	III	Imp. Coll., Amravat	(Munshi)
69	Sayyid Abdes Hussain Khan Rizvi	III	do	
70	Mohd. Mahmood Ahmad Mosa	III	do	
71	Sayyid Nasiruddin Hyder Qadri	II	do	
72	Mohd. Abdillatif	III	do	
74	Mohd. Taimuddin Iqbal	III	do	
76	Sayyid Mohamed Hussain	III	do	
77	Mohd. Mohsin Siddiqi	II	do	
81	Sayyid Wasif Ali Abbas	III	do	
82	Attaf Idris Khan Faruqi	II	do	
83	Govind Rao Nath Meekar	II	do	
84	Satjaga Narayan	II	do	
85	Rajender Narayan Achuthappa	II	do	
86	Rai Mohan Rao Achuthappa	II	do	
91	Mohd. Ijaz Wali Khan	II	do	
93	Manohar Rao	III	do	

94	Mohd. Muinuddin	..	Nanded High School
95	Tulja Singh Chowhan	..	do
99	Muhd. Ismail	..	do
102	Mirza Ahmad Ali Beg	..	Parbhani High School
105	Santok	..	do
125	Dattatri Nandakhalkar	..	do
130	Sayyid Ismail	..	Jahna High School
131	Shankar Keshav Rao Paunpakhedkar	..	do
132	Mahalsa Kunt Ambarkar	..	do
134	Khwaaja Sirajul Abidin Siddiqi	..	Bir High School
653	Trimbak	..	do
658	Makand	..	do
142	Narsinhg Rao	..	Yadgir High School
144	V. Varpa Kishtariya	..	Raichur High School
145	Sakha Hari	..	do
147	Muhd. Abdus Salam	..	Inter. College, Warangal
148	Muhd. Rashiduddin Ahmad	..	do
149	Sayyid Ghayasuddin Qadri	..	do
150	Sardar Ali	..	do
151	Sayyid Abdul Halim Hosaini	..	do
152	G. Naraiya	..	do
153	Mewadi Janardan Reddy	..	do
154	Pilaji Venkata Rama Narashvan Rao	..	do
155	Bashir Ahmad Siddiqi	..	do
158	Muhd. Ghayasuddin Faruqi	..	do
159	Muhsin	..	do
160	Sayyid Shah Ali Akbar Qadri	..	Mathwada High School
162	C. Vishwanathdar Rao	..	do
165	Muhd. Wahiduddin	..	do
166	M. Tuka Rama Rao	..	do
169	Pakanati Ramchandraiya	..	do
174	Sayyid Ibrahim	..	Karmnagar High School
175	Sayyid Yusuf Ali Jatari	..	do
177	M. Narisingh Rao	..	do
179	Ibnul Abbas Khanqa Fazluddin Hamid	..	Jagtiyal High School
183	Chakrata Bal Krishna Rao	..	do

Roll No.	Name	Old Regulations.			New Regulations			Remarks
		Class	III	Honours	Private	School	do	
512	Mulud, Mukhtar Ahmad	..	..	..	City Inter. College			
269	Sayyid Yaacob Hosami	..	..	..	O. High School, Nagzonda			
481	Mahmud Ali	..	..	..	Alex. Jhangir High School			
926	Mohd. Nazir Khan ..	..	..	..	School, Bhopal			
933	Afza, Ahmad	..	..	..	O. High School, Nagzonda			
480	Mulud, Moiuddin ..	..	..	..	Alex. Jhangir High School			
939	Mulud, Raza Khan ..	..	..	..	Osmangabad High School			
781	Mulud, Mahboob Ali Khan	..	..	..	Darul Uloom			
331	Sayyid Fakhruddin Hasan	..	..	..	Bidar High School			
412	Mulud, Abdur Razzaq	..	..	..	Inter. College, Waranasi			
816	J. Narsinhram ..	..	..	..	City Inter. College			
204	Sayyid Salam ur Rahman	..	..	..	Darul Uloom			
333	Khwaja Hammedudin	..	..	..	Latur High School			
775	Isevi Das	..	..	..	Nanapath High School			
378	Muhammad Anjed Ali	..	..	..	Inter. City College			
251	Muhammad Ihsanuddin Khan	..	..	..	Inter. College, Gadhia			
693	Hammanat Rao	..	..	..	Al. N. Ich. High School			
946	Mulud, Alobul Hamud	..	..	..	Latur High School			
777	Gase Sh. Bahadur Rao	..	..	..	City Inter. College			
231	Ghulam Ishaq	..	..	..	O. H. School, Nampalli			
395	A. Ramchandra Reddi	..	..	..	Inter. College, Gadhia			
699	Sayyid Abdur Aziz ..	..	..	..	City Inter. College			
234	Mirza Mulud, Ali Beg	..	..	..	do			
238	Mulud, Dilar Khan Maledai	..	..	..	O. H. School, Nirmal			
4-9	Ramechander ..	..	..	..	Inter. College, Gadhia			
711	Keshav Rao Kati ..	..	..	..	City Inter. College			
282	Ram Rao Kulkarni ..	..	..	..	O. H. School, Nampalli			
381	Rangamandhan ..	..	..	..	Alex. Ich. H. S., Bhopal			
945	Ghulam Kibrirya Qudsi	..	..	..	City Inter. College			
229	Sayyid Mohd. Mahmud Ali Kazimi	..	..	..	do			
230	Majid Shabbir Hussain	..	..	..	Failed in Theology			

(Failed in Theology)

Roll No.	Name	Class	School	Remarks
293	Muhd. Sayeedullah Khan	II	Darul Uloom High School	
294	Muhd. Hakim Ahmad	III	do	
295	Muhd. Shah Alam Khan	III	do	
296	Sayyid Irhwaja Mumtuddin	III	do	
298	Muhd. Abdur Karim	III	do	
301	Ghaus Muhiuddin	II	do	
302	Muhd. Rafiuzzaman	II	do	
303	Sayyid Mahmud	II	do	
305	Muhd. Makharruddin	III	do	
307	Muhd. Yaqubuddin	II	do	
309	Muhd. Shahabuddin	II	do	
310	Mir Rafiq Ali	III	do	
311	Muhd. Bashiruddin	II	do	
313	Muhd. Khatluddin	II	do	
314	Muhd. Abdul Ghani	II	do	
315	Muhd. Muniruddin	II	do	
317	Khwaja Moiuddin Khan	II	do	
318	Khanshid Khan	II	do	
319	Muhd. Yasir	III	do	
320	Hafiz Ali	II	do	
321	Muhd. Afzal Hussain	II	do	
322	Ali Ahmad	II	d.	
324	Babaiya	II	do	
325	K. Shivram Reddi	III	do	
326	P. Anjaiya	III	do	
328	K. G. Anant Reddi	II	do	
330	Abdul Wahid	II	Comptd.	
332	Abdel Aziz	II	do	
335	Muhd. Abdul Qahharul Ansari	II	do	
336	Sayyid Muhd. Taqiq Heshami	II	do	
337	Aziz Ahmad Jilani	II	do	
339	Manzur Ahmad	II	d.	

340	Muhd. Sadiq Ali Quraishi	..	..	..	..	..	..	II
349	Muhd. Abdur Rahman	..	..	..	..	..	..	do
350	Muhd. Abdul Quddus Mahajir	..	..	..	..	..	..	do
352	Muhd. Ali Mahajir ..	..	..	..	..	..	..	do
355	Vithal Singh ..	..	..	..	..	..	..	do
358	Narayan Singh ..	..	..	..	..	..	..	do
359	Muhd. Talib ..	..	..	..	..	..	..	do
360	Ghulam Ali Quraishi ..	..	..	..	..	..	..	do
361	Mir Farah Ali ..	..	..	..	..	..	..	do
362	Muhammad. Murtaza Ali Khan Nagad	..	..	..	..	..	..	do
363	Khairat Ali ..	..	..	..	..	..	..	do
364	Sayyid Ghayasuddin Qadri	..	..	..	..	..	..	do
366	Akbar Ali Khan ..	..	..	..	..	..	..	do
367	Muhs. Ghayasuddin ..	..	..	..	..	..	..	do
368	Muhs. Abdul Rahman ..	..	..	..	..	..	..	do
369	Sayyid Qutubuddin Husaini ..	..	..	..	..	..	..	do
370	Muhs. Abdul Wahid Khan ..	..	..	..	..	..	..	do
371	Sayyid Ahmad ..	..	..	..	..	..	..	do
732	Sayyid Sharif ..	..	..	..	..	..	..	do
374	Veslyanadhan ..	..	..	..	..	..	..	do
375	K. Yadgir Rao ..	..	..	..	..	..	..	do
376	G. Lakshma Reddi ..	..	..	..	..	..	..	do
379	Sayyid Ghaus Muhiuddin ..	..	..	..	..	..	..	do
380	Sayyid Raza Mustafa Ali Razvi ..	..	..	..	..	..	..	do
382	Jagannat Rao Valvekar ..	..	..	..	..	..	..	do
383	Sanbeshav ..	..	..	..	..	..	..	do
387	Muhs. Habibullah ..	..	..	..	..	..	..	do
388	P. B. Babaiya ..	..	..	..	..	..	..	do
391	Muhs. Rahmat Hussain ..	..	..	..	..	..	..	do
392	Hamid Muhiuddin ..	..	..	..	..	..	..	do
393	Sayyid Kamal Muhammad ..	..	..	..	..	..	..	do
394	M. Venkat Raman ..	..	..	..	..	..	..	do
396	Konati Sonaiya ..	..	..	..	..	..	..	do
397	M. Kishen Rao ..	..	..	..	..	..	..	do
398	G. Rangachari ..	..	..	..	..	..	..	do

Completed

do

do

d.

do

do

do

do

do

do

do

do

O. H. School, Nampally

do

Roll No.	Name	Class	School	Remarks
399	Raghavender Charu	II	O.H. School, Nampally	
400	Mahantappa	II	do	
401	Mohd. Sultan	II	do	
402	Janardhan Reddi	... Completed	do	
403	Narayana Rao Sharwakar	II	do	
404	K. Akshmi Narasimhan Rao	II	do	
411	Mohd. Abdus Salam	II	Ashiyat High School, Malakpet	
413	Haibib Hasan	II	do	
416	Khwaja Momin Idris Ahmad	II	do	
426	Abdur Rahman Khan Absari	II	do	
429	H. Dhama Rao	III	do	
432	Mohd. Qutbuddin Khan	... Completed	O. H. School, Parashchaita	
434	Mohd. Raftabuddin	II	do	
436	Mohd. Ghansauddin	II	do	
437	Mir Sirajuddin Ali Khan	II	do	
440	Mir Shakir Ali	II	do	
441	Sayyid Mahdi Hasan	II	do	
442	T. Giridhar Charu	II	do	
443	Mohd. Wahabuddin Siddiqui	... Completed	O. H. School, Mathibanda	
444	Mohd. Abdus Sattar	II	do	
450	M. V. Subba Rao	II	do	
453	M. Malaya	II	do	
454	T. Balakrishna Reddy	II	do	
456	Mank Rao	II	do	
458	L. Narayan	... Completed	Bidar High School	
459	Mohd. Moizuddin Siddiqui	II	do	
461	Rashid Ahmad	II	do	
463	Mohd. Basheeruddin	II	do	
464	Mirza Farukhunda Mi Beg	II	do	
465	Mohd. Mansur Ahmad Quraishi	... Completed	do	
466	Sayyid Shahruddin	... do	do	

469	Narayan Rao Chotepurkar	II	Completed	II	do
470	Abul Mohamid Sayyid Abdur Razzaq	II	do	do	do
471	Sayyid Zamiruddin	II	do	do	do
474	Sayyid Abdul Khalq	II	do	do	do
475	Muhib. Hasan Ali	II	do	do	do
478	Muhib. Osman	II	do	do	do
479	Muhib. Hafizuddin	II	do	do	do
482	Siva Ramlu	II	do	do	do
483	Sayyid Sulaiman	II	do	do	do
484	Muhib. Abdul Ghaffar	II	do	do	do
487	Muhib. Abdul Wahid	II	do	do	do
488	Muhib. Ghausuddin	II	do	do	do
490	Muhib. Ibrahim	II	do	do	do
491	Muhib. Abdul Wahid	II	do	do	do
492	Muhib. Inayatullah Khan	II	do	do	do
494	Muhib. Abdur Rab	II	do	do	do
495	Muhib. Qadiruddin Ahmad	II	do	do	do
496	G. Anant Swami	II	do	do	do
498	Muhib. Fakhruddin Siddiqi	II	do	do	do
500	D. Hammant Rao	II	do	do	do
501	Narayan Reddi	II	do	do	do
502	Ahmad Muinuddin Ansari	II	do	do	do
503	N. Venkata Raman	II	do	do	do
508	Satya Begam	II	do	do	do
514	Muhib. Abdul Baqi Haqqam	II	do	do	do
517	Anant Reddi	II	do	do	do
518	B. Vijaya Rao	II	do	do	do
519	K. R. Ragavacharya	II	do	do	do
526	G. Ram Reddi	III	do	do	do
532	Sayyid Ghaus Mohiuddin	II	do	do	do
535	Muhib. Qutbuddin	II	do	do	do
538	Abdul Rathna Mir Abdullah Hasni	II	do	do	do
539	Muhib. Ibrahim	II	do	do	do
542	Sayyid Akbar	II	do	do	do
546	Mirza Abbas Namazi	II	do	do	do
548	Shankar Rao	II	do	do	do

Failed in Theology

Roll No.	Name	Class	College	Remarks
549	Mohd. Yusufuddin	Completed	Private	
552	Shesh Rao Desmukh	III	do	
553	C. Kechar Rao	I	do	
555	V. Sanjeev Rao	II	do	
557	C. Venugopal	II	do	
558	Sattaya	Completed	do	
561	B. Raghavender Rao	II	do	
563	Balreddy	Passed	do	
564	Sayyid Bashir Ahmad	do	do	
565	Mir Taher Ali	do	do	
570	Sayyid Ba-Sharaf Ahmed Razi	Completed	do	
571	Muhammad Abdul Qadir	do	do	
573	Sayyid Fakhruddin Hasan	do	do	
374	Sayyid Alamad	do	do	
375	Muhal. Yusuf Hussain	do	do	
379	Muhal. Hasharat Hussain	do	do	
382	A. Lakshmi Narashivan Reddy	do	do	
383	Venkat Laxmikanthan	do	do	
384	Lakshman Rao	do	do	
385	B. Venkata Satyam Rao	do	do	
387	Shankar Rao	do	do	
386	Khand. Rao	do	do	
389	Sher Muhd. Khan	Completed	N. auf in Vidyavardiki	Passed in Theology
390	Ghulam Jilani	do	do	do
391	Muhal. Ilyasuddin Ahmad	do	do	do
392	Muhal. Muzaffer Ali	do	do	do
395	Mir Arbab Ali Khan	do	do	
396	Sayyid Basheerullah Ahmad	do	do	
398	Ghulam Mustafa	do	do	
399	Ghulam Jafar Khan Ishnavi	do	do	
600	Ishaq Muhd. Barni Bismati	do	do	
602	Narayan Barni Kishen Naik	do	do	
603	Mohan Lal Bhad	do	do	

604	Raja Ram Lakshman Rao Ponirkar	II	
605	Raja Ram Venkat Ram Deshpande	II	do
606	Narayan Rao	II	do
607	Muhd. Abdul Majied	II	do
608	Sayyid Aminuddin Ahmed	Completed	do
609	Shamsir Khan	do	do
610	Siddiq Ahmad Khan	do	do
611	Muhd. Tafazul Husein Faruqi	do	do
612	Bhagwan Reshi Pathak	do	do
613	Muhd. Amunnullah Ziyai	do	do
614	Muhd. Abdul Moghum	O. H. School, Nanded	do
615	Sayyid Faqir Muhammad	III	do
621	Wahid Ali Khan	II	do
622	Muhd. Saifullah Khan	do	do
623	Narayan Rao Deshpande	do	do
624	Bala Pershad	do	do
626	Sayyid Mughitq Hussaini	do	do
627	Sayyid Muhammad Fazlur Rahman Jafar	III	O. H. School, Parbhani
628	Muhammad Yaqoob	II	do
629	Shankar Mandalkhalikar	II	do
632	Govind Vishnu	III	do
635	Sayyid Abdul Karim	Completed	do
636	Mir Mahibub Ali	do	do
637	Ahmad bin Sayeed	do	do
638	Narendra Singh Chabdyel	do	do
639	Sci Ranlu	do	do
640	Gampat Kulkarni	do	do
641	Muhd. Azizuddin	do	do
642	Muhd. Latifuddin	II	O. H. School, Jaina
647	Janardhan Narayan Rao Chapalgaoonkar	II	do
648	Khwaja Karimuddin Quraishi	III	O. H. School, Bir
650	Muhd. Habibur Rahman	II	do
659	Damodhar Vasdev Rao	II	do
661	Mohan Rao Babalgaoonkar	II	do
662	Srinivas Rao	Completed	do

Railed in Theology

Roll No.	Name	Class	School	Remarks
663	Ayisha Begum	II	Comp. Sci.	Prv. d.
665	Karim un Nisa Begum	II	Comp. Sci.	do
667	Mahel Abid Karim	II	Comp. Sci.	do
672	Vishnupant Bhule Rao	II	Comp. Sci.	do
673	Sayyid Ibrahim	Passed	Int. Coll. of Crafts	Grafforagh
675	Gangadhar Rao Joshi	II	do	do
676	Mohel Sunitlal	II	do	do
678	Mahel Abdus Samad Sirajuddin	II	do	do
679	Fazil Bari Abdul Alim	II	do	do
680	Mohel Majrood Shah Khan	II	do	do
681	Mir Asif Ali Moshaid	II	do	do
682	Shukh Salam	II	do	do
683	Ramchandra W.	II	do	do
684	Kashan Rao	II	do	do
685	D. Narayan Rao P. S.	III	do	d.
688	Mahel Fakiraj Hasani	II	do	do
689	Kh. Mohd. Khan	II	do	d.
695	United Farid Ratum	II	do	d.
697	Mohel Abdur Hameed	III	do	do
698	Sayyid Mirah, Hissam	VI	do	do
700	Mohel Hissam Sidiq	II	do	do
702	Mahel Ismail	II	do	do
704	Qadir Khan	II	do	do
708	Madiha R. K. K.	II	do	do
709	Gholapya	II	do	do
710	Nana Rao Kulkarni	II	do	do
713	Venkat Rao Manikar	II	do	do
714	Hammant Singh	II	do	do
716	G. S. Hayman	II	do	do
717	Malkatam Gor	II	do	do
718	Gopal Rao Hadgikar	II	do	do
719	Sripad Bhat	II	do	do

Roll No.	Name	Class	School	Remarks
772	Ghulam Ahmad.	II	O. H. School, I. Am.	
773	Nagnath Rao Alankar.	II	do	
774	Vishnubhar Bhagwan Rao Patwari.	II	do	
775	Keshev Laksman Rao Sar De Shaukh.	II	do	
776	Ahmed Sayeed Quraishi	II	do	
777	Gambat Rao Patwari	II	O. H. School, O. M. Al. Am.	Part of it The voice
780	Muhib. Abdul Qadir	II	do	
782	Muhib. Nisar Ahmed Sufiqa	II	do	
783	Vishnubhar K. Patwari	II	do	
784	Ekmali Keshev Rao, M. Shaukh	II	do	
785	Sohi Ram	II	do	
786	Narayan Rao Deshpande	II	do	
787	Vasudev H. Shinde	II	do	
788	Prahladkar Bham Keshev P. Rajwade	III	do	
789	Raghuv Ram Amaji	II	do	
791	Vinod. Vaidya Saini	II	do	
792	Sayid Nasir	II	do	
793	Pandurangam U. A. Bhosle	II	do	
803	Ramchandra Al. Am.	II	do	
808	Muhib. Chandanji Arora	II	do	
809	Hammadi R. K. Va. I. P.	II	do	
810	Venkata Rao N. Acharya	II	do	
812	Mohd. Nawaz J. A. A.	II	do	
815	Muhib. Abdul Karim. K.	II	do	
817	K. Ram Rao.	II	do	
818	B. Gopala	II	do	
819	D. Rajan Rao.	II	do	
820	P. Venkata Shiva R. C.	III	do	
822	Amir Khan.	II	do	
823	Ahmed Muhammed	II	do	
824	Muhib. Abdul Karim	II	do	
826	Muhib. Abdul Pati	II	do	

Roll No.	Name	Class	School	Remarks
872	Ahmed L. A.; H., m. Kha.	..	Completed O. II School Karimnagar	do
873	Dagnatham	..	do	do
874	Frankshan Rao	..	do	do
875	J. Alworaiva	..	do	do
878	Abul U. Rajabuddi	..	O. II. School, Jiz, Nal	do
879	Sayvid Muktar, Ali W. Iriya	..	O. II. School, Jiz, Nal	do
880	G. B. Nasirya	..	O. II. School, Jiz, Nal	do
883	Almond Giazarai	..	O. II. School, Jiz, Nal	do
884	Abud. Makhdooh, Ali	..	O. II. School, Jiz, Nal	do
885	Mashraze, m. men	..	O. II. School, Jiz, Nal	do
887	D. Narayana Reddy	..	O. II. School, Jiz, Nal	do
889	M. Vishwanadha	..	O. II. School, Jiz, Nal	do
893	Jamui Ahmad Khan	..	O. II. School, Jiz, Nal	do
895	Mulah, N. m. Khan	..	O. II. School, Jiz, Nal	do
897	Abdul Qasim, un	..	O. II. School, Jiz, Nal	do
898	Sayvid Iqbal Hasan	..	O. II. School, Jiz, Nal	do
900	Indar Karan	..	O. II. School, Jiz, Nal	do
901	C. H. Venket Rao	..	O. II. School, Jiz, Nal	do
903	Mulah, Yusuf	..	O. II. School, Jiz, Nal	do
905	Anurat Lal	..	O. II. School, Jiz, Nal	do
909	L. Madhu-sethu Rao	..	O. II. School, Jiz, Nal	do
912	Ahsaf Rao	..	O. II. School, Jiz, Nal	do
916	Abdul Latif	..	O. II. School, Jiz, Nal	do
918	Muhammad Ali Khan	..	O. II. School, Jiz, Nal	do
919	Magbul Ahmed	..	O. II. School, Jiz, Nal	do
921	Sri Krishna Chanc	..	O. II. School, Jiz, Nal	do
925	Sa. Nid Majid Ap	..	O. II. School, Jiz, Nal	do
927	Abdur Rashid Khan	..	O. II. School, Jiz, Nal	do
928	Munir Ahmad	..	O. II. School, Jiz, Nal	do
931	Tahzibuddin	..	O. II. School, Jiz, Nal	do

Mr. S. R. R. H. S. Rao,

Pt. I

Pt. II

INTERMEDIATE EXAMINATION, 1940 F (1931).

Roll No.	Name	Class	Colle-	Remarks
3	Mirza Abdul Sattar Beg	II	Osmama University College	
4	Mujtahid Ali bin ul	III	do	
5	Mohammed i Abdul Qadir	III	do	
6	Mohammed Shaikh Shafatullah Qureshi	III	do	
10	Muhammad Sultan Mohsin bin	III	do	
11	Mohamma , Ratnuddin Ali Khan	III	do	
12	Muhammad Ashiq Hussain	III	do	
13	J.H. Subbaiva	III	do	
15	K. Unnappati Rao	III	do	
17	P. Venkata Ram Rao	III	do	
18	Sayyid Abdul Majid	II	do	
20	Sayyid Abdul Majid Barvi	II	do	
22	Mohammad Yusuf ddin Ansari	II	do	
24	Mohammad Muhammad Ali	II	do	
28	Sayyid A. and Matin ul	III	do	
29	Muhammad Salim Muhiuddin Siddiqui	III	do	
32	Ab hal Hamid Bakharji	III	do	
33	Sayyid H. mud Shattari	III	do	
38	Sa. Yid Yus	III	do	
39	Mohammad Moiint din Ahmad	II	do	
41	Mufti Muhammad Afzal-ul-Haq	II	do	
42	Sayyid Abbas Ali	II	do	
44	Mohammed I. Zuhrah Sidiqu	II	do	
45	Mohammed Nasir Hussain Siddiqu	II	do	
47	D. Chandraraya	II	do	
48	Rai Sham Mohan Lal	III	do	
58	Rai Ranza Pershad	III	do	
59	Muhammad Abdul Rahman Sayeed Siddiqui	II	do	

Roll No.	Name	Class	College	Remarks
126	G. Battu Rao	II	Warangal Inter. College	
127	P. Narayan Rao	II	do	
130	Sayyid Abiur Rehman Hashmi	II	Ostnada Univ. Inter. College	
133	Sayyid Mahomed Hussain Bhatti	III	do	
136	Ayiz Ahmed	II	do	
138	Muhammad Manzuddin Shahjehan Venkatesh Babu Rao Rao Kashi	II	do	
139	Narsing Rao M. A. work	II	do	
143	Muhammad Abdul Aziz	II	do	
145	Sayyid Muhammad Aslam	II	do	
148	Tirumal Rao	II	do	
149	Shankaria	II	do	
150	Har Modan Lal	II	do	
151	Sayyid Ruknata Rarki & Akbar	II	do	
152	Ramchander Rao, Kheri and Khurram	II	do	
153	Muhammad Yusuf Ali	II	do	
156	Lala Bindra P. Sheldar	II	do	
159	Chander Shekar Hruday Singh	II	do	
160	Hafiz S. null A.	II	do	
162	Bu Ali Z. Bawandar	II	do	
163	Sayyid Ali-ud-din Hussaini	II	do	
164	Mohammed Rafi Abdur Rehman	II	do	
168	Lahsaw Narsi or Alavandri	II	do	
170	Seddu Ali	II	do	
171	Khosab Ali-ud-Wazir Khan	II	do	
173	V. Martand Rao	II	do	
177	Muhammad Hussain Khan	II	do	
178	Abmaduddin Muhiuddin	II	do	
180	Siddiqi Mumtaz Ali	II	do	
181	Sayyid Iqbal A. Vardhan	II	do	
182	Sayyid Iqbal A. Vardhan	II	do	

Roll No.	Name	Class	College	Remarks
231	P. Kishan Rao	II	Warangal Inter. College	
232	Parha Venkateswar Rao	III	do	
233	M. Nilkantham	II	Engineering	
234	Salamat Ali, Nista Begum	III	Women's College	
235	Sayyid Shah Faizullah Khan	III	Private	
242	Azizuddin Ahmad	III	do	
243	Raheenakar Rao	IV	do	
244	Sayyid Mahmu	III	do	
250	Mohammad Abdul Raheem Shari	IV	do	
252		Convent	do	

INTERMEDIATE EXAMINATION, 1341 H.—(1922).

Roll No.	Name	Class	College	Remarks
10	Sayyid Mabud Latif.	III	Osmanaia University College	Failed in 'Theology'
11	Mohd. Ahmad	III	do	do
12	Mohd. Ghauzuddin	III	do	do
13	Mir Musajjiddin	III	do	do
16	Muhammad Sannidh Khan	III	do	do
17	Ahmad Muhaudin	I	do	do
19	Muhammad Iqbal Ahmad Siddiqui	III	do	do
20	Narr Wali Khan	II	do	do
21	Shah Muhammad Khudaibullah Qadri	III	do	do
25	Mr. Muhammad Ali	III	do	do
26	Muhammad Abdul Rashid	III	do	do
28	Isaq Muhammad Khan Kamalpur	II	do	do
32	Sayyid Kozim Haq	III	do	do
33	J. Venkata Narasimha Rao	II	do	do
35	P. B. J. and M. C. au.	III	do	do
36	D. T. Bhakta	III	do	do
37	Rasheedan R. A.	II	do	do
39	Mohd. Mianuddin Ali	II	do	do
41	Muhammad Qadir Hussain	II	do	do
42	Mohammad Aslam Qadeer	II	do	do
43	Muhammad M. al-Wazir	II	do	do
44	Ala'ul Faiz Sayyid Muhammad Sadiq Qadri	II	do	do
45	Muhammad Attaul Ahmad Siddiqui	II	do	do
47	Muhammad Ahmaduddin Hussain	II	do	do
49	Qazi Muhammad Abdur Raheem	III	do	do
50	Muhammad Tahir Hussain	III	do	do

INTERMEDIATE EXAMINATION, 1341 F.—(1932).

Roll No.	Name	Class	College	Remarks
128	Sayyid Yusufuddin Maghrabi	II	Aurangabad Inter. College	Failed in Theology
129	Sayyid Muhammadi Sufi Ali Abbesi	II	do	do
130	Muhammad Abdul Hameed	II	do	Failed in Theology
131	Vazi Muhammad Khan	II	do	do
132	Muhammad Abu'l Wahid Quraishi	III	do	do
133	Muhammad Al-'Adil Latifi	III	Ex-student	do
136	Ramchander Govind Rao Nanarkar	III	do	Failed in Theology
138	Muhib. Hasim	III	Waranan Inter. Collge	do
140	M. Ram Narayan Rao	III	do	do
142	G. Venkat Narayan Reddy	III	do	do
144	K. Vishwanath	III	do	do
145	P. Venkata Appa Rao	III	do	do
146	Govad Narayan	III	do	do
151	M. hammed Aizaz Khan	III	Ornamental University coll.	do
153	Muhammad Nasir Khan	III	do	do
155	Mohammed Ali Khan	III	do	do
160	Seyyid Waqas	III	do	do
161	Muhammad Bashir Hydari	III	do	do
162	Mir Nasiruddin Ali Khan Shahzada	III	do	do
163	Shah Muhammad Ali Khan Nizam	III	do	do
164	Sayyid Baris Ahmadini	III	do	do
167	Hosai B. Patel	III	do	do
168	B. Sitaram V. Iyer	III	do	do
169	B. Rang Rao	II	do	do
172	Govind Prashad Rao	III	do	do
178	S. Narayan Rao	III	do	do
174	Govind Rao Khopale	III	do	do
177	M. Ram Singh	III	do	do
179	J. Teka Rao	II	do	do

S. M. Chatengar	80	Failed in Morals
Abu-ul-Nasr Sharifuddin Khalid	83	do
Muhammad ul Dailiuddin Siddiqi	84	do
Sayyid Ahmad Muhiuddin Qadri	85	do
Nawab Muhiq Zahiruddin Khan	87	do
Mir Zahir Ali Kamil	89	do
Mir Abid Hussain	91	do
Sayyid Ali	92	do
Muhib Ahmad Mohiuddin Siddiqi	93	do
Abul Khair Sayyid Ibrahim Husain	95	do
Muhammad Husain	96	do
Khwaja Hussain	97	do
Mohsin bin Shabbir	98	do
Sayyid Omar	99	do
Muhammad Ghaus	200	do
Muhammad Rasul Khan	201	do
Sayyid Muhammad Abdul Halim	202	do
Muhammad Abdul Qadir	204	do
Harishchander Heda	205	do
K. Venkat Ram Rao	209	do
B. Kishan Rao	210	do
Srinivas Rao	211	do
Chandu Rao	213	do
Sham Sundar	214	do
Sayyid Ghulam Ali	215	do
M. Mohammad Ahmadullah Khan	221	do
Mohammad Abdul Moiz Khan	222	do
Sayyid Abu Abdullah	227	do
Mazhar Ali Khan	229	do
Rai Hira Lal Koticha	231	do
Bhimra Chari Gorchanti	232	do
Ambadas Rao Pathak	233	do
Mohammad Sultan Mohiuddin	235	do
Mohammed Maq loom Mohiuddin	236	do
Sayyid Mahmood	237	do
Passed in Theology		

INTERMEDIATE EXAMINATION, 1341 H.—(1932).

Roll No.	Name	Class	College	Remarks	
				Failed in Theology	Failed in Theology
240	Mohammad Abdul Quayoom	II	City Inter. College	do	Failed in Theology
241	Nasir Idin Ahmad Siddiqi	II	do	do	do
242	Muhib, Vagaru Zaman	III	do	do	do
243	Mir Iqbal Ali	III	do	do	do
244	Azizur Rahman	II	do	do	do
247	Venkat Rao Jodeau	III	do	do	do
248	Sayyid Badshah Ali	III	do	do	do
251	Mohammad Fakhruddin Ahmed	III	do	do	do
254	Mohammed Ahsanul Karim Mahir	II	do	do	do
256	Mirza Zafar Hussain	III	do	do	do
258	M. Kisean Rao	III	do	do	do
259	Muhib Abu Syeed	III	do	do	do
260	Sayyid Firdous Hussain	III	do	do	do
261	Ghulam Rasool	III	do	do	do
262	Trimbak Rao Gengalwar	II	do	do	do
263	Mohammed Hanifuddin	II	do	do	do
264	Sayyid Ravindra	do	do	do	do
265	Sayyid M. Salehuddin	do	do	do	do
266	Mohammed Aminuddin	do	do	do	do
267	Mohammed Qumrani	III	Varijabat-i-Hadis	do	do
268	Habib Aboul Khou	II	do	do	do
269	Sayyid Naseer Ali	II	do	do	do
271	Hezib Raja	II	do	do	do
273	Mohammed Muhaudin	II	do	do	do
274	Mohammed Qamrul Islam Hussain	II	do	do	do
275	Mohammed Karimuddin	II	do	do	do
276	Trimbak Rao	III	do	do	do
278	Dattatri T. Kakkar	III	do	do	do
279	Anaj Gohar e.c	III	do	do	do
283	Mir Mushtarruk Ali	III	Completed	Ex-student	do
284	Mohammed Abdur Rehman Subhan	III	do	do	do

285	Mir Shudhawar Ali	..	..	III	do
286	M. Ramchander Rao	..	..	III	do
287	E. Nag Reddy	..	..	III	do
288	Sulekh Lal	..	..	Completed	Ex-student, Wanitaul Inter College
289	Zohid Begam	..	..	III	Women's Coll., do
290	Khudiaja B. Begum	..	..	III	Ex-student
292	Latiq-un-Nisa Begum	..	..	II	Private
293	Yusuf-Zaman Khan	..	..	..	do
INTERMEDIATE EXAMINATION 1342 F. (1933)					
138	Narayan Rao Kharsale	..	..	1	City Inter. College
220	Ali Ather	..	..	1	Osmania University College
221	Abdul Hamid Khan	..	..	1	do
9	Muhd. Jafar	..	..	III	do
10	Abul Khair Muhd. Faruq Siddiqi	..	..	II	do
11	Muhd. Mazharuddin Ahmad	..	..	II	do
12	Muhd. Rafi-ul-Hasan Ansari	..	..	III	do
13	Muhd. Abdul Jabbar Faruqi	..	..	II	do
14	Muhd. Qutbuddin ..	..	..	III	do
16	Muhd. Muinuddin ..	..	..	III	do
18	Sayyid Ghausuddin ..	..	..	III	do
19	Masood Ali Khan ..	..	..	III	do
23	Qazi Sayyid Abdur Rashid ..	..	..	III	do
80	Sayyid Mosa ..	..	..	III	do
32	Muhd. Qasim Ali ..	..	..	III	do
35	Mirza Rafatullah Beg ..	..	..	II	do
36	Muhd. Sharifuddin Khan ..	..	..	III	do
40	Har Pershad ..	..	..	III	do
41	S. Rupkarlan ..	..	..	III	do
42	J. Vishwanath Rai ..	..	..	III	do
43	Anant Rao Joshi ..	..	..	III	do
44	Kishen Rao Maniyakar ..	..	..	II	do
47	Mahender Rao Salsena ..	..	..	III	do
48	Timmalpalli Narayan Reddi ..	..	..	II	do
59	Vishwanath Rao Jadhau ..	..	..	..	do
Failed in Theology					
do					
Failed in Morals					
do					

INTERMEDIATE EXAMINATION, 1942 F.—(1932):

Roll No.	Name	Class	College	Remarks
60	T. V. Vandhacharya ..	II	Oxoniania University College,	
61	Harischander Ashokana ..	III	do	
77	Sayyid Mehdi Ali ..	Completed	Ex-student O. U. C	
79	Latiful Hasan Burnu ..	III	do	Failed in Theology
80	Ghaus Muhammad ..	II	do	
83	Abdus Sami Ahmed ..	III	do	
84	Sayyid Alimuddin Ahmad ..	III	do	
93	Muhd. Imamuddin ..	Completed	do	Passed in Theology
99	Muhd. Ghauzuddin ..	do	do	do
100	Nazi Muhd. Khan ..	do	do	do
106	Shiv Pershad ..	do	do	Passed in Morals
109	Khwaja Muhd. Izzatullah ..	II	City Inter. Collge	Failed in Theology
111	Muhd. Kitab Ali ..	III	do	do
112	Muhd. Abdul Wahab ..	II	do	
113	Sayyid Khawaja Mabdub Husain ..	II	do	
115	Sayyid Bashiruddin ..	III	do	Failed in Theology
116	Muhd. Abdul Karim ..	III	do	
120	Muhd. Khadim Husain ..	III	do	
126	Muhd. Shaukatullah ..	II	do	
127	Ahmad Abdil Aziz ..	III	do	Failed in Theology
133	Srinivas Rao ..	II	do	
137	K. Venkat Srinivas Rao ..	II	do	
133	B. Sitaram Rao ..	Completed	Ex-student City Inter. Collge	
154	Muhd. Al-firdous ..	do	do	Passed in Theology
156	Muhd. Shahabuddin ..	do	do	do
157	Muhd. Karmaluddin ..	do	do	do
163	Shripad Dehpande ..	II	Inter. College, Auruangabad	
170	Muhd. Abdul Wahab Quraishi ..	Completed	Ex-student Inter. Collge, Aurangabad	Passed in Theology
171	Muhd. Abdullah ..	II	Inter. College, Warangal	
172	Muhd. Rahimuddin ..	III	do	Failed in Theology
173	Sayyid Zainuddin Ahmad ..	III	do	
177	Panichdhar Ramchander Rao ..	II	do	
185	Muhd. Hashim ..	Completed	Ex-student Inter. Collge, Warangal	Passed in Theology
187	Muhd. Abdul Wahid ..	III	do	
190	Digambar Rao ..	III	do	
193	Muhd. Abdul Hakim ..	III	do	
197	Sayyid Muinuddin Shahbaz ..	III	do	
198	Sayyid Ahmad Razvi ..	II	do	
200	Ahmad Abdul Latif Mahajir ..	III	do	
201	Muhd. Nasrullah ..	III	do	
203	Srinivas Rao ..	II	do	
214	Fazl Ilahi Khan ..	III	do	
215	Muhd. Abdul Haq Khan ..	II	do	
225	M. Venugopal Reddi ..	II	do	
226	M. V. Madhu Rao ..	III	do	
232	Sardeshpande Das Rao ..	III	Ex-student O. U. C	
246	M. Sardar Singh ..	III	do	Failed in Morals
248	Gangadhar Rao ..	Completed	do	
253	Abul Barkat Sayyid Muhd. Murtaza ..	do	do	
254	Sayyid Muhd. Raza Razvi ..	do	do	
259	Uma Shanker Sankai ..	do	do	
262	Nawab Muhd. Zahiruddin Khan ..	do	do	
263	S. M. Chatgopakar ..	do	do	
265	Srinivas Rao ..	do	do	
266	M. Ram Singh ..	do	do	
268	Muhd. Ismail Ali Khan ..	II	do	
269	Muhd. Rafiquddin Ahmad ..	III	do	
272	Khwaja Rashiduddin ..	III	do	
273	Sadasiv Rao ..	II	do	
274	Narayan Rao Sarraf ..	II	do	
279	Sayyid Abul Fazl ..	III	do	
282	M. Moiuddin Tusi ..	Completed	Ex-student City Inter. College	
284	Muhd. Abdur Razzaq ..	do	do	Failed in Theology

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INTERMEDIATE EXAMINATION, 1932 F.—(1933)

Roll No.	Name	Class	College	Remarks
286	Shah Afzal Ahmad	1. Completed	City Inter. College	
291	Mohd. Viquaruz Zaman	1. do	do	Passed in Theology
293	Mohd. Abu Sayeed ...	1. do	do	do
296	Maqsood Ali Khan ...	1. do	do	
297	Sayyid Sikander Ali	1. do	Inter. College, Aurangabad	Failed in Theology
300	Har Pershad Varma	1. do	do	
304	Wasant Dharmadkar	1. do	do	Failed in Morals
309	Mohd. Abdul Faheem	1. do	do	
310	Mohd. Hafeez	1. do	do	
311	Mohd. Khwaja Minuddin	1. do	do	
312	Mohd. Shaheeduddin ...	1. do	do	
313	Sayyid Abdu'l Samad Razvi	1. do	do	
314	Mohd. Mahmud Ali	1. do	do	
315	Mohd. Ahmet Ariz ...	1. do	do	
316	Kondappa Kankaya	1. do	do	
317	Kamraj I-Swan Land Vaidya ...	1. do	do	
318	J. Lakshmi Narayan	1. do	do	
320	Lakshmi Narayan Ahirarya	1. do	do	
424	Sayyid Niamatdin	1. do	do	
328	Manohar Hudekar ...	1. do	Wong's College	
327	Sayeedina Be-Zam ...	1. do	Private	
336	Qadri Ahmad Molvi Ali	1. do	do	
338	K. Ram Rao	1. do	do	Private
344	Mir Hyder Ali	1. do	do	
347	Sardar Singh ...	1. do	do	
348	Kishen Lal Seraudi	1. do	do	
350	Sayyid Maud Sefer	1. Passed in to 1st	do	

B. A. EXAMINATION 1882 I. (1925.)

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
81	Sayyid Husain	..	..
64	Mir Waliuddin	..	..
58	Muhammad Sakahuddin	..	..
79	Ahmad bin Abdullah	..	..
31	Mir Siadat Ali Khan	..	..
84	Muhammad Ziauddin Ansari	..	..
78	T. Murtihi Rao	..	..
56	Sayyid Abdul Ahm	..	..
2	Yusefuddin Ahmad Siddiqi	..	..
3	Muhammad Rauful Hasan Quraishi	..	..
4	Habib Hasanuddin	..	..
6	Muhammad Abdul Alim	..	..
7	Sayyid Muhammad Ahsan	..	..
8	Muhammad Fida Ali Khan Faruqi	..	..
9	Muhammad Abdu Sattar	..	..
10	Sayyid Anisuddin Ahmad	..	..
11	Sayyid Wileyat Ali	..	..
12	Sayyid Shafuddin Ahmad	..	..
14	Sahibzada Kharvia Mir Ahmad Ali	..	..
15	Abul Pakhar Muhammad Abdul Wahid	..	..
18	Mir Jafar Ali Sadiq	..	..
19	Muhammad Yazir Ali	..	..
20	Muhammad Waliullah	..	..
21	Latif Ahmad Faruqi	..	..
22	Abdul Aziz Khan	..	..
23	Sahibzada Khawaja Mir Muhammad Ali	..	..

Roll No.	Name				
24	Sahibzada Mir Kazim Ali Khan	..	..	..	..
25	Quri Sayyid Kalimullah Husaini	..	..	..	..
26	Muhammad Abul Hasan	..	..	..	..
29	Budh Singh Yadu	..	..	..	..
30	Ramchandar Rao Kartarikar	..	..	..	..
32	Muhammad Akbar Ali Khan	..	..	..	..
33	Shaikh Ali Husain	..	..	..	..
34	Abdul Majid Siddiqui	..	..	..	..
38	Sayyid Muhammad Hasan Askari	..	..	..	..
42	Sayyid Abdul Naim	..	..	..	..
43	Mir Mahmud Ali	..	..	..	..
44	Sayyid Asadullah Rizvi	..	..	..	..
45	Hallay Rao Kulkarni	..	..	..	..
46	Hammanth Narayan Patankar	..	..	..	..
50	Sayyid Ahmad Ali Kirmani	..	..	..	..
51	Ghulam Ghau-Khan	..	..	..	..
52	Muhammad Nizamuddin	..	..	..	..
53	Ahmad Abdul Busbir Khan Arab	..	..	..	..
55	C. P. Nagama	..	..	..	..
57	Sayyid Mumtiddin Quraishi	..	..	..	..
59	Muhammad Samaullah Sharif	..	..	..	..
60	Mir Hasauuddin	..	..	..	..
61	Qurban Ahmed	..	..	..	..
62	Hidayat Ahmad	..	..	..	..
63	Mahmud Ali Beg	..	..	..	..
65	Muhammad Abdur Rashid	..	..	..	..
66	Muhammad Kahnuddin Ansari	..	..	..	..
67	Manik Rao	..	..	..	..
68	Narhar Naraswan Rao Wargantiwar	..	..	..	..
69	Sheesh Rao Kamtikar	..	..	..	..

70	Krishnachari Joshi	..	..	..	..
72	Govind Panduharinath Kulkarni	..	..	..	..
73	Pandoji Dhagay	..	..	..	..
74	Raghubir Parshad Saksema	..	..	..	..
75	Ramchandar Rao Manjaramkar	..	..	..	..
76	Muhammad Azizur Rahman	..	..	..	..
77	Muhammad Ahmad Omani	..	..	..	..
80	Muhammad Sharfuddin	..	..	..	..
82	Abul Muzaaffar Muhammad Maqbul Ali	..	..	..	..
83	Muhammad Naziruddin	..	..	..	..

PRIVATE CANDIDATES.

86	Aga Muhammad Ahsan	..	..	..	..
87	K. Ram Krishan Rao	..	..	..	..
88	Ali Musa Raza Mahajir	..	..	..	..
89	Ghulam Qadir
90	Sayyid Abdul Rahman
91	Muhammad Abdul Aziz

Class	Remarks
III	
III	
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B. A. EXAMINATION 1333 F.—(1924).

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
58	Sayyid Mahboub Alian	I	
60	Muhammad Wazir Ahmad Quraishi	II	I
43	Khwaja Muniruddin	II	I
1	Saif bin Sultan Hussain-al-Qaiti	III	
2	Muhammad Ataur Rahman	III	
3	Muhammad Abdul Moiz	II	
6	Khwaja Mirohuddin	II	
7	Raza Muhammad Khan	II	
9	Sayyid Abdur Rehman	II	
10	Sayyid Ahmad Ali	II	
11	Muhammad Habibullah Rushdi	II	
12	Muhammad Muftiaz Hussain Farid-ul-Quraishi	II	
13	Muhammad Husain Siddiqi	II	
14	Mirza Ziauddin Beg	II	
15	Muhammad Muhammed Quraishi	II	
16	Azizuddin Ahmad Siddiqi	II	
19	Eknath Venkata Iyer	II	
20	Raghunath Rao Bhansari	II	
21	Renika Rao Rao	II	
22	Narayan Rao Nareshwar	II	
23	Frankesu Narayana Rao	II	
24	Sayyid Sabir Ali Mihandolin	II	
25	Sayyid Arifuddin	II	
26	Sayyid Qataldar Hosain	II	
27	Fauz Muhammad Khan	II	
29	Muhammad Ali Masiq Yeziz	II	
30	Muhammad Faridullah Ansari	II	

32	Mir Siddiq Ali	III	
33	Muhammad Abdul Jabbar Subhani	III	
34	Sayyid Anwar Husain Rizvi	II	
35	Sayyid Ibrahim Rizvi	II	
39	Sayyid Ibrahim Rizvi	II	
41	Sayyid Farzut Haq	II	
42	Muhammad Ilyas Khan	II	
46	Bhujander Rao Chakshe	II	
47	Pashanlila Narinsinha Rao Sharma	II	
48	Dattatry Rao	II	
49	Ahmad Irsain Khan	II	
50	Khwaja Ziauddin Ahmad	II	
51	Sayyid Shah Ali Sani Nahri	II	
52	Sayyid Abdul Jabbar	II	
53	Muhammad Fahangur Ali Siddiqi	II	
56	Haidar Mirza	II	
57	Shiv Mohan Lal Mathur	II	
59	Muhammad Zakiruddin	II	
61	Abul Fateh Nasrullah	II	
62	Muhammad Muniruddin	II	
71	Sayyid Sabte Nabi	II	
73	Parikhad Rao Dandote	II	
80	Abdul Latif	II	
			PRIVATE.
88	Sayyid Nadimul Hasan Rizvi	II	
86	Muhammad Azizuddin	II	
87	Muhammad Abdul Ali	II	
88	Kesho Yaman Indorkar	II	
89	Gulam Tayyib	II	
91	Naushaba Khatun	II	

B. A. EXAMINATION 1894 F.—(1925).

Roll. No.	Name	Class	Remarks
44	Muhammad Razinddin Siddiqi	I	
59	Chattareedi Narayan Das	I	
63	Sayyid Ahmad Sharif	I	
1	Yusuf Hussain	III	
33	Sayyid Ghulam Molinddin Qadir	III	
6	Muhammad Anir	II	
7	Muhammad Abdal Qadir Sarwar	II	
8	Mirza Nasir Ali Beg	III	
12	Shaikh Farid Hasani	III	
13	Bahadur Ali Khan Razi	II	
15	Aziz Ahmed Khan	II	
16	Mohammed Sayeed	III	
19	Aya Muhammad Ali	III	
23	Kadoli Ram Koshan Rao	II	
25	Madho Hari Mehtre	III	
26	Parbhakar Barao or Sowdarkar	II	
27	Sitaram Rami Rao Mac Whetkar	II	
28	Bhikshu	III	
30	Sayyid Muhammad Ali Khan Warraqan	III	
31	Mir Wari Ali	II	
32	Sayyid Zainul Arifeen Rizvi	II	
33	Mohammed Muazzamdin Khan	III	
38	Ali Tayyab Zahradin Ahmad	II	
41	Mohammed Abdur Rauf	III	
46	Mohammed Abdur Rashim Khan	III	

OSMANIA UNIVERSITY COLLEGE.

47	Muhammad Hanifuddin Mahmud	11
49	Jiwan Rao Balalgankas	III
52	J. Sangayya	III
54	Govind Rao Deshpande	III
58	Prankasham Narayan Swami	II
60	Paveli Anant Ramaiyya	III
61	Sarva Deo Bhautla Venkat Ramaia	III
62	Sayyid Mubarak Husain	II
64	Sayyid Rafiuddin	III
65	Sayyid Ainuddin Abid	III
66	Sayyid Zauqi Haq	II
67	Sayyid Yusuf	II
68	Sayyid Muhammad Husain	III
69	Imtiaz Hussain	II
71	Mehrab Ali	III
72	Ahmad Abdul Wali Fiza	III
73	Abul Khairat Muhammad Kamaluddin	II
76	Muhammad Abdul Wahid	III
82	Muhammad Zahurul Hasan Quraishi	III
86	Manohar Singh	III
87	Benkot Parshad	II
88	B. N. Dwarkanath Iyengar	III
92	Raghunath Kache	III
99	Muhammad Afzaluddin	II
100	Muhammad Ibrahim	II
101	Abul Hayat Muhammad Abdul Qadir	III
103	Muhammad Sardar Khan	II
104	Meshamnad Abdul Haifiz	II
106	P. N. Srivastava	III
107	G. N. Sharma	III
109	Habib Zainul Abidin	III
110	Sahibzada Abdus Sattar Beg Taimuri	III
111	Sayyid Wigar Alimad	II
112	Mohin-uz-Zafar	III
113	Muhammad Sultan	III

B. A. EXAMINATIONS 1364 F--(1925).

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
114	Sayyid Ghulam Qadir	**	III
117	Sayyid Zafar Hussain Zaidi	**	III
118	Sayyid Muhammad Razim Ali Khan	**	III
119	Sayyid Iashshudin Ahmad Kazimi	**	III
122	Masud Hasan Khan	**	III
123	Sayyid Muhammad Ali Noman	**	III
124	Mohammad Abduh Rahaman	**	III
126	Mohammad Naleema Osmani	**	III
127	Babu Rao Kashikar	**	III
129	Sayyid Muhammed Hasan Rizvi	**	III
132	Sayyid Ahmad Ali **	**	Completed do do
135	Sayyid Ahmad	**	III
136	Mohammed Hussain Khan	**	III
PRIVATE.			
139	Mirza Osman Ali Baig	**	III
140	B. Krishnamurthy	**	II
141	S. V. Shastri	**	III
143	Mohammad Abd-ur-Aziz	**	III
145	Muhammad Khizar Khan	**	III
147	Narayan Singh	**	III
151	Fakhruddin Ahmed Ali	**	II

B. A. EXAMINATION—1335 F.—1926.
 OSMANIA UNIVERSITY COLLEGE,

75	Hannid Ahmed Khan	..
1	Sayyid Md. Yunis Yafaqani	..
4	Sayyid Yasin Ali Khan	..
7	Md. Ghaus Muhiuddin	..
8	Mirza Kazim Ali	..
9	Inayat Khan	..
10	Kodati Venkateshwara Rao	..
11	Ilendra Sitaram Rao	..
15	Sayyid Aminuddin Hussain	..
18	Ahmad Abdul Hamid	..
19	Md. Badshah Khan	..
22	Ghulam Muinuddin Ghazi	..
26	Md. Abdul Qadir Siddiqi	..
27	Sayyid Muhammad	..
30	Abdul Jalil	..
32	Sayyid Md. Nawab	..
33	Mir Kezim Ali	..
34	Ali Md. Khan	..
38	Muridhar Rao Ghanekar	..
39	Bhim Sen Rao	..
40	Ahmad Abdul Majid	..
41	Md. Obaid-ullah Kazimi	..
42	Md. Ibrahim Khan Hashmi	..
47	Ghaziuddin Ahmad	..
48	Md. Nazirullah	..
49	Ahmad Abdul Hakim	..
51	Sayyid Abdur Rab	..
54	Ahmad Abdul Aziz	..
56	Sayyid Ghaus Muhiuddin	..
57	Shaikh Tajammul Hussain	..
58	Sayyid Abdul Ali	..
59	Sayyid Raza Hussain	..

B. A. EXAMINATION—1335 H.—1926.

S. No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE:			
60	Madan Mohan Lal ..	..	III
61	Ghulam Dastgeir ..	..	II
62	Md. Ghousar Ali ..	..	II
64	Qamaruzzaman Khan ..	..	III
65	Vengunti Ramdar Rao ..	..	III
68	Kirat Chand ..	..	II
70	Mirza Ibrahim Ali Beg ..	..	II
76	Omar Dewat Khan ..	..	III
78	Abid Hamad ..	..	II
81	Sayid Muhammad Al Amad ..	..	III
81	Md. Zakaullah Siddiqi ..	..	III
82	Bahadur Ali Khan ..	..	III
83	Md. Shafiqul Islam ..	..	III
84	Saraj Chand ..	..	II
EX-SUPPONENTS:			
90	Md. Abdur Latif Siddiqi ..	..	III
91	Md. Fakhrul Islam ..	..	III
95	Nurjan Anjum ..	..	III
96	Abdul Rahim Khan G. Rondavi ..	..	III
97	Md. Abid Ali ..	..	III
98	Ahmadullah Meena ..	..	II
99	Sayyid Mansoor Ali Hashmi ..	..	III
101	Md. Alius Saeed ..	..	III
104	Sayyid Hashimuddin ..	..	III

			Completed do		
1105	Ghulam Hyder ..	..	III	..	..
1106	Yanna Ramchandar Rao ..	..	III	..	..
1107	Hannautha Chari ..	..	III	..	..
1110	Bhima Chari Kinhalkar ..	..	III	..	..
1113	Md. Muktuddin Sharif ..	..	III	..	..
1118	Md. Yusuf Ali Khan ..	..	II	..	..
1119	Mir Zahir Ali Khan ..	..	III	..	..
121	Vidervaj Srinivas Rao ..	..	III	..	..
123	Sayyid Wabid Ali Jafari ..	..	III	..	..
125	Sayyid Jafar Ali ..	..	III	..	..
127	Polaam Krishna Reddy ..	..	III	..	..
131	Fazlullah Ahmad ..	..	III	..	..
132	Kinwaja Md. Abdul Baqi ..	..	III	..	..
135	Hannautha Chari ..	..	II	..	..
PRIVATE.					
14	Bhagwan Pershad Mehindra ..	..	III	..	..
137	Ahmad Abdullah Siddiqi ..	..	III	..	..
142	Abdul Aziz Khan ..	..	III	..	..
143	Md. Siddiq ..	..	III	..	..
145	Mirza Qadir Ali Beg ..	..	III	..	..
149	Md. Abdul Karim ..	..	III	..	..
150	J. Tirath Achari Agru Hotri ..	..	III	..	..
152	Shaikh Qadir Muhiuddin ..	..	III	..	..
154	Abdush Shukur Khan ..	..	III	..	..
155	Durratul Biza Begam ..	..	II	..	..
156	S. Srinivas Chari ..	..	III	..	..

B. A. EXAMINATION 1886 F.—1927.

Roll No.	Name	Class	Remarks
			OSMANIA UNIVERSITY COLLEGE.
2	Muhammad Omar	III	
3	Khwaja Muhammad Ahmad	II	
5	Sayyid Ibn-i-Ali	II	
6	Muhammad Maqbool Husain	III	
9	Muhammad Tabarak Ali Khan	III	
12	Abdullah bin Muhammad	III	
14	Muhammad Muinuddin	III	
15	Muhammad Sakhawat Mirza	II	
16	Muhammad Abdush Shukur	II	
17	Mirza Bismallah Beg	II	
22	Nagheshri Pershad	III	
23	Ganesh Pershad	II	
25	Dhondu Panth Shendrikar	II	
26	Vishnu Panth Kulkarni	II	
27	Videraj Seshagiri Rao	II	
28	Madapati Ramchander Rao	III	
29	Ashwatha Rao Bulkandi	II	
30	Ghulam Muhammad Nasiruddin Ahmad Ansari	III	
31	Sayyid Yusuf	II	
37	Mir Abu Talib	III	
39	Muhammad Jamahuddin	III	
41	Sayyid Abdul Latif Razvi	II	
45	Sayyid Meherban Ali	II	
46	Muhammad Abdul Qaiyum Khan	III	
47	Venkat Rao Puranik	III	
48	Narayan Rao	III	
52	Satnaryan Waghray		

			Completed		
53	Trimbak Rao Maharulkar	..	III	III	III
54	Pandit Rao Kale	..	III	III	III
60	Sayyid Muhammad Kazim Khan	..	III	III	III
66	Khwaja Muhammad Moinuddin	..	III	III	III
70	Bhagwan Rao Chapatgaonkar	..	II	II	II
72	Muhammad Zufqaqr Husain Faruqi	..	II	II	II
75	Sayyid Muhammad Ali Khan	..	III	III	III
78	Vithal Das	..	II	II	II
79	N. Ram Lal	..	III	III	III
82	Sayyid Paruq Hussain	..	III	III	III
83	Muhammad Yusufuddin	..	III	III	III
86	Mirza Mahmud Ahmad Khan	..	II	II	II
	EX-STUDENTS.			PRIVATE	
91	Muhammad Jalaluddin	..			
100	M. Seshi Reddy	..			
110	Sayyid Abdul Mannan	..			
113	Hamanth Rao Vishnu	..			
116	Muhammad Ikramullah	..			
117	Muhammad Abdus Salam	..			
119	Sayyid Viqayatullah	..			
120	Muhammad Munim Khan	..			
121	Muhammad Abdul Rahman	..			
123	Muhammad Yatmin Zubairi	..			

B. A. EXAMINATION 1887 F.—1928.

No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
1	Abul Makarim Faiz Muhammad Siddiqi	III	
3	Muhammad Abdul Rahman Makajir	III	
5	Haji Ghulam Muhammad	II	
7	Sudershan Raj	II	
10	Muhammad Maqbul-ul-Haq	II	
12	Aliuddin Ahmad	II	
14	Muhammad Rahatullah Khan	II	
15	Muhammad Abdul Qadim Siddiqi	II	
16	Sayyid Khwaja Hussain	II	
20	Mir Zahuruddin	II	
25	Muhammad Moazzam Khan	II	
28	Muhammad Hanif	II	
30	Shaikh Muhammad Mustafa Ali	II	
31	Sayyid Muhammad Abbas	II	
35	Bidarkar Keshav Rao	II	
37	Shanka Rao Sada Varte	II	
39	Gangadhar Rao Patki	II	
40	Bhimshen Acharya	II	
41	Bhim Rao Deshpande	II	
42	Gopal Rao Moramkar	II	
44	Sayyid Sharifuddin	II	
46	Yusufuddin Ahmad	II	
53	Muhammad Yasin	II	
57	Farid Ahmad	II	
58	Sayyid Osman Jafar	II	
60	Muhammad Wahidullah Khan	II	
69	Abu Nasr Fatihullah	II	

B. A. EXAMINATION 1887 F.—1928.

Roll No.	Name	Class	Remarks
152 154	Habib Khan Sandozi Sayyid Abdul Karim Ishaqi	.. ..	do do
	PRIVATE.	.. ..
159	Muhammad Muntazir Husain	..	III
163	Babu Singh	..	II
165	Muhammad Badruddin Hasan Siddiqi	..	..

B. A. EXAMINATION, 1338 F.—1929.

OSMANIA UNIVERSITY COLLEGE	
64	Akbar Ali
2	Sayyid Pasha Muhiuddin
3	Muhammad Fazl Haq
11	Abdul Rahman
12	Muhammad Rahmatullah
13	Bandhu Mahatav Pagri
15	Aga Jafar Husain
17	D. Kishan Rao
18	Malkarjan Towkri
21	Muhammad Hamiduz Zafar
22	Ghulam Jilani
23	Sayyid Fariduddin Ahmad
24	Sayyid Mustafa
27	Mahmud Khan
28	Muhammad Shujauddin

B. A. EXAMINATION, 1338 F.—1929.

Roll No.	Name	Class	Remarks
164	Iftakar Ah Sayyid Zahid Husain	....	....
167	V. M. Suriyamanyam Pillai	..	..
169		..	..
OSMANIA UNIVERSITY COLLEGE.			
SCIENCE CANDIDATES			
50	Muhammad Siddiqi	..	..
51	Muhammad Abdul Wahab	..	..
53	Davalpalli Venkateshwor Rao	..	..
54	Nazir Ahmad Tahir	..	..
55	Muhammad Khalil-ur-Rahman	..	..
56	Muhammad Itrat Hussain Zubari	..	..
EX-STUDENTS.			
129	Maslahuddin Ahmad Faruqi	..	..
130	Narhar Rao Bakshi	..	..
B. A. EXAMINATION 1339 F.—1930.			
OSMANIA UNIVERSITY COLLEGE.			
1	Muhammad Hakim Kosgavi	..	..
3	Muhammad Bashir Ahmad	..	..
5	Muhammad Zakaullah Shahipuri	..	..
10	Muhammad Ghulam Dastgir Rashid	..	..

Failed in Theology.

11	Sayyid Fazlur Rahman	:	II
13	Bhimsen Rao Taug	:	II
15	Digambar Rao Chaudhri	:	II
19	Narsing Rao Deshmukh	:	II
20	Narhar Rao Deshpandya	:	II
23	Sayyid Yusufuddin	:	II
24	Muhammad Asrar Husain Hashimi	:	II
25	Muhammad Kazim Raza	:	II
26	Muhammad Yaqub Khan	:	II
27	Mirza Shukur Beg	:	II
30	Uttam Rao Maharulakar	:	III
31	Bapu Rao Deshmukh	:	III
32	Rai Bandyachand Mathur	:	III
33	Trimbak Rao Kharsale	:	III
35	S. Shanker Rao	:	III
36	Dacharam Ramraj Narshihvan Rao	:	II
37	Sayyid Sirajuddin Ahmad	:	III
38	Sayyid Nazir Husain	:	III
39	Sayyid Abdul Rahim	:	III
40	Muhammed Abdul Ghaffar Chisti	:	III
42	Gurunath Rao Apranji	:	III
43	Govind Rao	:	III
44	Mir Iqbal Ali Zaidi	:	III
45	Eita Lakshmiya	:	III
49	Muhammad Abdul Qalid	:	III
52	Abdul Qadir	:	III
54	Muhammad Hafiz	:	III
57	Ghulam Muinuddin	:	III
60	Gokal Das	:	III
61	D. Guru Das	:	III
62	J. Tirath Anant Purnaik	:	III
68	Nabil Hasan	:	III

EX-STUDENTS.

B. A. EXAMINATION 1889 F.—1930.

Roll	Name	Class	Remarks
71	Dharam Rai	III	
73	K. Vidyaranand	III	
74	Badri Lal	III	
76	Ramchandra Reddi	II	
77	Rai Hindkishore Mathur	III	
81	Radha Kishen Rator	III	
84	Zulfaqar Ali Khan	III	
85	Rivanna	III	
86	Muhammad Alauddin	III	
90	Muhammad Amjad Ali	Completed	
91	Muhammad Shabbir Ali Khan	do	
95	Ali Bin Ghalib	do	
96	Sayyid Karimuddin Husain	do	
97	Muhammad Yusufuddin Paiq	do	
98	Mahmud Ali	do	
99	Bar Srinivas Rao	do	
101	Krishnaji Govind Rao Hatnalikar	do	
102	Venkob Rao	do	
105	PRIVATE.		
106	Abdul Wahab	III	
107	Muhammad Jilani	III	
	Muhammad Abdur Rashid Beg	III	
109	R. Gundappa	III	
112	Sayyid Ahmad Husain	III	
113	Manik Rao	II	
115	Ratan Lal	II	
119	Muhammad Hafizullah	Completed	Passed in Theology

OSMANIA UNIVERSITY COLLEGE.

SCIENCE CANDIDATES

130	Sayyid Shah Muhammad	..	..	I
125	C. Somasundram	..	..	I
124	Ravada Satya Narayan	..	..	I
121	Muhammad Abun Naim Siddiqi	..	..	III
128	Rai Naranjan Pershad Mathur ..	..	..	III
133	Mir Asad Ali	III
134	C. Surya Narayan Murti	II

EX. STUDENTS.

139	Sardar Singh
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III

B. A. EXAMINATION 1340 F.—1931.

Roll No.	Name	Class	College	Remarks
2	Ghulam Jilani	:	II	Osmmania University College
4	Md. Nazir Husain Afandi	:	III	do
5	Syed Yaqub	:	III	do
7	Muhammad Baqar Husain Qureshi	:	II	do
8	Shaikh Muhammad Manzur Husain	:	II	do
9	Ranganath Rao Kamtiker	:	III	do
13	Khwaja Md. Wasay	:	II	do
14	Muhammad Ghulam Ahmad	:	III	do
15	K. Srinivasa Iyengar	:	II	do
17	Sriraj Parshad	:	III	do
21	Hanudduddin Khan	:	II	do
24	Sayyid Md. Mohsin	:	II	do
25	Satya Narayan Singh	:	II	do
34	Wahid-uz-Zaman	:	III	do
37	Sayyid Ghulam Mahmud Shah	:	II	do
39	Sayyid Nooruddin	:	III	do
43	Ghulam Hafiz Khan	:	II	do
45	Muhammad Abdur Rahim Khan	:	III	do
48	Abdus Subhan Subhani	:	III	do
49	Muhammad Enayatullah Khan	:	III	do
52	Raza Husain Khan	:	II	do
54	Pandit Rao Kulkarni	:	III	do
55	Vishvanath Das	:	II	do
56	Kanday Rao	:	II	do
57	Kishen Rao Sharma	:	III	do
69	Abdul Hakim Khan	:	III	do
61	Khwaja Moinuddin	:	III	do

Failed in Theology.

62	Sayyid Mahmud Ali	do	III
63	Muhammad Faruq	do	II
64	Muhammad Abul Khan	do	III
65	Sayyid Ali Mohsin	do	II
66	M. Hannanath Rao	do	III
71	Anna Rao	do	III
72	Bharan Rao	do	III
73	B. N. Chobe	do	III
74	Muhammad Abdur Razzaq Khan	do	III
75	Muhammad Abdur Rashid	do	III
76	Muhammad Ali	do	III
77	Akbar Ali	do	III
79	Attam Rao Nangray	do	III
80	Gorind Rao Deshpande	do	III
81	Chander Kant Rao Gode	do	II
82	Muhammad Rahmatullah Khan	do	III
89	Bhumsina Achari	do	III
91	Sayyid Moazzam	do	III
95	Muhammad Abdul Hau Subhani	do	III
102	Muhammad Zahruddin	do	III
110	Jankran Pant Aherwadker	do	III
113	Naunit Das	do	III
117	B. Rama Reddy	do	III
118	Sayyid Ghulam Mustafa	do	do
119	Qazi Md. Ghayasuddin	do	do
120	Muhammad Abdul Khaliq Khan	do	do
121	Husam Qudratullah	do	do
122	Muhammad Jafar Husain Bhongri	do	do
123	Sayyid Zainulabidin	do	do
124	Niraz Muhammad Khan	do	do
125	Muhammad Habib Ahmad Khan	do	do
127	Kishen Rao Daphne	do	do
128	Manik Rao Parikh	do	do
129	R. Vishwanther Rao	do	do

Completed

B. A. EXAMINATION 1340 F.—1931.

Roll No.	Name	Class	College	Remarks
332	Bashirun Nisa Begam	III	Osmania University College	
338	Muhammad Nasruddin Nizamu	III	Private	
41	Muhammad Faiyaz Husain	III	do	
42	Syed Abdul Azeem	III	do	
43	Habib Ahmad Faruqi	III	do	
47	Md. Mahshub Ali Khan	III	do	
				Completed.
				Failed in Theology.

B. A. EXAMINATION, 1341 FASLI—1932.

		Osmania University College	Ex-Student
7	Syed Ahmadullah Khan	II	Failed in Morals.
8	Mohd. Abdus Salam	II	do
11	Shahanshah Husain..	III	do
16	Qazi Md. Abdul Baqi	III	do
18	Syed Bashiruddin Ahmed	III	do
19	Md. Abdur Rahim ..	II	do
20	K. Vedanta Chari ..	I	do
22	Muhammad Abbas ..	III	do
25	K. Ranga Rao ..	III	do
27	V. Bheemiah ..	II	do
36	C. Aga Reddy ..	III	do
39	Mirza Sharafuddin B. ²	III	do
41	Syed M.d. Saich Haizma	II	do
42	Md. Abdur Rashid ..	III	do
43	Yamin bin Salam bin Mahfuz	III	do
47	Thanyala Ramachari.	II	do
48	K. Sreenivasa ..	III	do
50	V. P. Venkata Charia	II	do
53	Mirza Abbas Ali Beg	II	do
56	Syed Ali Haqain Razvi	III	do

			Failed in Morals.
59	Ghulam Muhiuddin..	:	do
62	Mir Abid Ali Khan	:	do
63	Mirza Muhammad Ali	:	do
64	B. Mahadev Rao	:	do
65	Nago Rao Joshi Mudherker	:	do
66	Keshav Rao Kulakan	:	do
67	Bhim Rao Narayan Rao Deshpande	:	do
68	Rangamath Rao Mahajan	:	do
69	Dattatraya Rao Ganu	:	do
70	Venkat Rao Nand Giri	:	do
71	Ahmed Abdul Qaiyum Siddiqui	:	do
72	Md. Fariduddin Khan	:	do
73	Mr. Rahman Ali	:	do
76	Mirza Mahmud Ali Beg	:	do
79	Md. Akbar Ali Khan	:	do
81	Mr. Habib Ali	:	do
82	Veerayya Swami	:	do
84	Mir Absanuddin	:	do
85	Syed Abdul Ghaffar	:	do
88	Mir Makhdum Ali Khan	:	do
89	Asehar Husain	:	do
90	Vijachari	:	do
92	Anant Krishan Rao	:	do
94	M. Ram Krishniah	:	do
95	Lakshmankant Rao	:	do
96	Shankar Narayan Gaud	:	do
97	Syed Wahuddin	:	do
99	Bhimsen Achary Upadhyaya	:	do
100	Ahmad Khan	:	do
101	Muhammad Abdul Jabbar	:	do
116	Hira Lal	:	do
124	Muhammad Dilawar Ali	:	do
125	Mohd. Ifrikharuddin	:	do
129	Md. Sadruddin Ansari	:	do

			Failed in Theology.
60			
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124			
125			
129			

			Ex-Students
			Completed

B. A. EXAMINATION, 1341 F.—1932.

Roll No.	Name	Class	College	Remarks
131	Syed Nasir Husain Razzi	..	Completed	Osmania University College.
132	Jagannath Prashad Tripathi	..	do	
133	Muhammad Begum	..	I	
134	Sirajun-nisa Begam	..	II	Women's College
141	Syed Hasanuddin	..	Completed	do
142	Md. Abdul Matin	..	do	Private
				do

B. A. EXAMINATION 1342 F.—1933.

Roll No.	Name	Class	College	Remarks
58	Raghavendar Rao	..	I	
8	Muhammad Ahmaduddin	III	Osmmania University College	
12	Sayyid Hamid Shattari	II	do	
15	Muhammad Muniruddin	..	do	
16	Muhammad Fazl-ul-Jah Siddiqi	..	do	
18	Muhammad Kalimullah	..	do	
19	Muhammad Zahir-ul-Afaq Faridi	..	do	
20	Muhammad Ghaus Siddiqi	..	do	
24	Narayan Keshava Rao	..	do	
26	Wahid Baksh	..	do	
27	Khwaja Ghulam Gauhar Ali Khan	..	do	
28	B. Narayan Rao	..	do	
29	Sripat Rao Phatak	..	do	
31	Mudap Venkat Ram Rao	..	do	
32	Muhammad Abdur Rahman Khan	..	do	
35	Muhammad Abdul Ghani	..	do	
36	Muhammad Ahmad Ali	..	do	
43	Muhammad Ali Khan	..	do	
48	Habib Ahmad	..	Completed	
56	Abdul Hamid Khan	..	III	
57	Ghulam Muhammad Khan	..	do	
62	Muhammad Najimuddin Ansari	..	do	
63	Muhammad Azam Khan	..	do	
66	Mir Saadat Ali Razvi	..	do	
67	Mir Hasan	..	do	
69	Dattatray Mahadevo Rao Mongikar	..	III	

B. A. EXAMINATION 1942 F.—(1933).

Roll No.	Name	Class	College	Remarks
70	Banga Rao Munarakar	III	Osmania University College	
71	Bhunrao Krishen Rao Vagamayay	II	do	
73	Venkatesh Joshi	II	do	
75	Vinalk Rao Pojan	III	do	
76	Mamith Rao Joshi	II	do	
79	Narsing Rao Manvi	II	do	
80	B. Venkat Rao Rao	III	do	
84	Muhd. Abusen Naziz	III	do	
85	Muhd. Abdul Naziz	III	do	
86	Sayyid Khwaja Bakkatullah	II	do	
87	Sayyid Abdul Hadi	III	do	
88	Muhd. Alimud Husam	III	do	
89	Muhd. Ibrahim Khan	III	do	
94	P. Kishen Rao	II	do	
96	C. Sesingar Rao	II	do	
97	Sayyid Mohammad Ahsan	III	do	
98	Sayyid Mirschuddin	III	do	
100	Tirma I Rao	II	do	
101	Shankerkirji	III	do	
102	Chandarkar Hiramat	III	do	
103	Muhammad Nasir Khan	III	do	
105	Tikkaullah Athma Ram Shamma	III	do	
115	Muhammad Nasir Farooqi	III	do	
120	T. P. Chander Shekhar	III	do	
121	Mir Vazir Ali Khan	III	do	
122	Ali Sayeed	III	do	
124	Muhammad Abdul Mujib	III	do	
125	Moshtaq Khan	III	do	
129	Muhd. Muslekhuddin	III	do	
130	Ahmed Abdul Haq	III	do	
131	Sayyid Faris Ali Husami	III	do	

Ex-Students

132	Muhammad Muniruzzaman	III	Completed	
138	Mr Ghaziuddin Ali	..	do	
139	Muhammad Abdul Hai	..	do	
145	Sayyid Maqbool Ahmed	..	do	
157	Muhammad Badruddin	..	do	
158	Muhammad Karim Ali Khan	..	do	
159	Muhammad Abdur Rashid	..	do	

Faulted in the degree

Roll
No.

Name

M. A. EXAMINATION 1884 F.—1925.

1	Qari Sayyid Kalimullah Husaini	..	..	..	..
2	Latif Ahmad Faruqi	..	..	..	..
4	Muhammad Wazir Ali	..	..	..	..
5	Muhammad Abdus Sattar	..	..	..	..
6	Muhammad Sanaullah Sharif	..	..	..	..
7	Abul Fakhr Muhammad Abdul Wahid	..	..	..	..
8	Mir Jafar Ali Sadiq	..	..	..	..
9	Budh Singh Yadu ..	..	..	..	..
10	Abdul Majid Siddiqi	..	..	..	..
11	Mir Syadat Ali Khan	..	..	..	..
14	Ziauddin Ansari	..	..	..	..
15	Muhammad Naziruddin	..	..	..	..
16	Shaikh Barkat Ali ..	..	..	..	..

M. A. EXAMINATION—1885 F.—1926.

1	Saif-bin-Sultan Husain-ul-Qaiti	..	..	..	..
2	Md. Husain Siddiqi	..	..	..	..
4	Khawja Muniruddin	..	..	..	..
7	Mir Mahmud Ali ..	..	..	..	..

M. A. EXAMINATION 1886 F.—1927.

1	Habib Zainulabi din	..	..	..	..
2	Muhammad Habibullah Rushdi	..	..	..	..
4	Muhammad Abdul Qadir Sarwari	..	..	..	..
5	Sayyid Ghulam Muhiuddin Qadri	..	..	..	..

6	Sayyid Viqar Ahmad	..	..	..	..
9	Venkatesh Narsihvan Patwari ..	..	..	..	..

M. A. EXAMINATION 1887 F.

3	Sayyid Muhammad ..	..	..	..	..
4	Ali Muhammad Khan	..	..	..	..
6	Syed Muinuddin Qureshi	..	..	..	..

M. A. EXAMINATION 1888 F.—

1	Khawja Muhammad Ahmad ..	..	..	..	..
2	Muhammad Abdul Qaiyum Khan	..	..	..	..
3	Muhammad Abdul Rahman ..	..	..	..	..
4	Ahmad Abdul Hamid	..	..	..	..
5	Mirza Mahmud Ahmad Khan ..	..	..	..	..

M. A. EXAMINATION 1889 F.—

3	Muhammad Abdul Qadim Siddiqi	..	..	..	..
4	Sayyid Khawja Husain ..	..	..	..	..
5	Muhammad Rahatullah Khan ..	..	..	..	..
6	Shaikh Chand ..	..	..	..	..
7	Muhammad Ali ..	..	..	..	..

Class	Remarks	
II III III III II II II III III III II	Osmama University College do do do do do do do do do do do	APPENDICES
II III II III	do do da do	
III III II II	do do do do	
III II	do do	
-1928.		
II III III	do Ex-Student Osmama University College.	
-1929.		
III II III III II	do do do do do	APPENDICES
-1930.		
II III II II III	do do do do do	

Roll No.	Name				Class	Remarks
M. A. EXAMINATION 1340 F.—1931.						
1	Muhs. Ghaus Muhiuddin ..	..	..	..	II	Osmania University College
2	Muhs. Rahmatullah ..	..	..	..	II	do
3	Sayyid Padshah Muhiuddin ..	..	..	..	II	do
4	Sayyid Khwaja Abdul Quddus ..	..	..	..	II	do
5	Akbar Ali ..	..	..	..	III	do
M. A. EXAMINATION 1341 F.—1932.						
1	Gulam Dastgir Rashid ..	..	..	..	I	do
2	Sayyid Sirajuddin Ahmad ..	..	..	..	II	do
3	Mir Ahmad Ali Khan ..	..	..	..	III	do
2	Muhs. Abdul Halim Kosgavri ..	..	..	..	II	do
M. A. EXAMINATION 1342 F.—1933.						
1	Muhs. Abdul Muid Khan ..	..	..	..	III	do
1	M. Hannant Rao ..	..	..	..	II	do
2	Bharat Chand Kohna ..	..	..	..	II	do
3	Sayyid Ali Mohsin ..	..	..	..	II	do
4	Muhs. Zahiruddin ..	..	..	..	III	do
5	Waheeduddin Khan ..	..	..	..	II	do

FACULTY OF THEOLOGY.

MATRICULATION EXAMINATION 1340 F.—1931.

Roll No.	Name	Class	School	Remarks
800	Sayyid Ahmad Husaini ..	II	Darul-Uloom	
802	Sayyid Muhiuddin ..	II	do	
806	Hasan Muhiuddin Siddiqi ..	I	do	
817	Muhs. Taqi Barq ..	Completed	Osmania High School, Raichur.	
818	Sayyid Padshah Husaini ..	do	do	
819	Muhs. Khwaja ..	II	Osmania High School, Mathwada.	
820	Muhs. Khwaja Muhiuddin ..	II	do	

MATRICULATION EXAMINATION 1341 F.—1932.

7	Sayyid Muhs. Sadiq ..	..	Hons.	Darul Uloom
1	Sayyid Mahehdun Nabi ..	..	II	do
4	Muhs. Yahya Hashmi ..	..	III	do
9	Sayyid Ghausuddin ..	..	II	do
12	Muhs. Ghans ..	..	II	do
15	Muhs. Abdullah Khan ..	..	II	do
16	Shaikh Abdul Qadir ..	..	II	do
17	Sayyid Nur Muhs. Mahdavi ..	..	II	do
18	Muhs. Qadeer ..	..	Completed	do
19	Sayyid Qadir Muhiuddin ..	..	II	Osm. High School, Mabbubnagar.
20	Mirza Ashiq Ali Beg ..	..	II	do
21	Rahimuddin Ahmad ..	..	II	do
23	Imamuddin ..	..	Completed	Osm. High School, Aurangabad.
35	Mirza Rahmatullah Beg ..	..	Completed	Islamia High School, Mathwada.

APPENDIX

APPENDICES

APPENDICES

APPENDIX

Roll No.	Name	class	School
MATRICULATION EXAMINATION 1342 F.—1933.			
(Under the old Regulations)			
189	Sayyid Mardhd. Nasruddin Husaini	II	Darul Ulum
190	Muhd. Abdul Qadeer	II	do
191	” Jafar Ali Khan	III	do
192	Shaikh Daud	II	do
193	Habib Muhd. Idrus	II	do
194	Sayyid Muhiuddin	II	do
195	Muhd. Abdul Hamid	III	do
196	Sayyid Mahbub	II	do
197	Ghulam Mahbubuddin	II	do
198	Mr. Mahbub Ali	II	do
199	Sayyid Shamshir Ahmad	II	do
200	Shaikh Ahmad	II	do
201	Sayyid Shah Abdul Haq Qadri	Completed do	Osm. High School, Mahbubnagar
202	Muhd. Ghous	III	Khammam.
203	Muhd. Abdus Salam Qadri	Completed	do
204	Sayyid Shah Abdul Qadir Qadri	II	Gulbargali.
205	Muhd. Abdul Ghafur	II	Raichur.
206	Sayyid Miskin Padshah	II	Islamia High School.
207	Muhd. Ishaq Imami	do	
208	Sayyid Husain Husaini	Completed	Darul Ulum (Under the New Regulations.)
209	Sayyid Yasim	III	
INTERMEDIATE EXAMINATION 1340 F.—1931.			
253	Abu Taher Sayyid Khwaja Ahmadullah Husaini.	II	Osmania University College.

254	Khwaja Farhuddin Ahmad	:		III		do
255	Muhd. Manawwar Khan	:		III		do
256	Muhd. Yalha Siddiqi	:		II		do
INTERMEDIATE EXAMINATION 1341 - F. 1932.						
1	Muhd. Osman Ali Siddiqi, Deglori	:	II	Osmania University College.		
2	" Badruddin Siddiqi	:	II	do		
3	" Sayyid Amjad Ali	:	II	do		
7	Muhd. Husain Khamush	:	II	do		
8	" Rafiuzzaman	:	III	do		
INTERMEDIATE EXAMINATION 1342 F.—1933.						
1	Hasan Muhsuddin Siddiqi	:	II	Osmania University College.		
3	Sayyid Ahmad Husaini.	:	II	do		
4	Muhd. Osman Khan	:	II	Ex. Student O. U. College.		

Roll No.	Name			Class
B. A. EXAMINATION 1332 F.—1923.				
1 | Qazi Mohammad Abdul Qadir Siddiqi	II
B. A. EXAMINATION 1333 F.—1924				
1 | Sayyid Abdul Shukur	II
2 | Muhammad Khawja Qutubuddin Qari	III
B. A. EXAMINATION 1334 F.—1925.				
2 Sayyid Azmatullah Husaini Bakhtiyari	III
1 | Sayyid Saadat Ali	II
4 | Sayyid Muhammad Safi	Completed
B. A. EXAMINATION 1335 F.—1926				
1 | Ahmad Abdullah-al-Masdusi	II
2 | Muhammad Ghaus	II
3 | Muhammad Hamidullah	II
B. A. EXAMINATION 1336 F.—1927.				
1 Muhammed Ghaus Muhiuddin	II
B. A. EXAMINATION 1337 F.—1928.				
1 | Sayyid Zamir Ali	II
3 | Sayyid Liaqat Husain	Completed
B. A. EXAMINATION 1338 F.—1929.				
B. A. EXAMINATION 1339 F.—1930.				
1 | Ijaz Ahmad	do
2 | Sayyid Husam	do
3 | Muhd. Muslehbuddin	do
5 | Sayyid Shamsuddin Qadri	do
B. A. EXAMINATION 1340 F.—1931.				
149 | Muhd. Habibullah Faruqi	II	Osm. Univ. College.
151 | Mahbub Khan Yusufzai	II	do
152 | Muhd. Abdul Rahman Khan	III	do
153 | .. Abdul Maud Khan	II	do
B. A. EXAMINATION 1341 F.—1932.				
1 | Ijaz Ahmad	III	do
2 | Sayyid Husam	III	do
3 | Muhd. Muslehbuddin	II	do
5 | Sayyid Shamsuddin Qadri	Completed	do
B. A. EXAMINATION 1342 F.—1933.				
3 | Abu Taher Sayyid Khwaja Ahmadullah	II	Osm. University College
4 | Muhd. Yahya Siddiq	II	do
M. A. EXAMINATION 1334 F.—1924.				
1 | Qazi Muhd. Abdul Qadir Siddiq	I	I	Osm. Univ. College.
M. A. EXAMINATION 1337 F.—1928.				
1 | Sayyid Saadat Ali	II	Osm. Univ. College.
M. A. EXAMINATION 1339 F.—1930.				
1 | Muhd. Hamidullah	I	Osm. Univ. College.
2 | Muhd. Ghaus	II	do
M. A. EXAMINATION 1341 F.—1932.				
1 Sayyid Liaqat Husain Qadri	II	Osm. Univ. College.

College

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Osmania University College

do do

do do

do do

do do

**Ex-student Osmania University
College.**

Osmania University College

do do

do do

Osmania University College

do do
**Ex-Student Osmania University.
College.**

APPENDICES

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FACULTY OF SCIENCE.

Roll No.	Name	Class	College	Remarks
M. Sc. FINAL 1342 F.—1930.				
1	Muhammad Zakiuddin	II	Osm. Univ. College.	
2	Haji Ghulam Muhammad	III	do	
3	Sudarshan Raj	II	do	
4	Y. Murtanji Rao	II	do	
5	Qazi Sayyid Muinuddin	I	do	
6	Inayat Khan	II	do	
7	Annant Venkatesh Kati	II	do	
M. Sc. FINAL 1340 F.—1931.				
1	Muhd. Khalilur Rahman	I	Osm. Univ. College.	
2	Nazir Ahmad Taher	II	do	
3	Muhd. Zulfaqar Husain Faruqi	II	do	
M. Sc. (FINAL) 1341 F.—1932.				
1	Sayyid Shah Muhammad	II	Osm. Univ. College.	
2	C. Soraiya Narayan Murti	II	do	
M. Sc. FINAL 1342 F.—1932.				
1	Sri Raj Pershad	III	Osm. Univ. College.	
2	K. Srinivas Iyengar	II	do	
3	Muhammad Nazir Hussain Effendi	II	do	
4	Ghulam Jilani	II	do	
5	Bangnath Rao, Kamtikar	II	do	

LL. B. (Previous) EXAMINATION 1840 FaSla—(1929.)

Roll No.	Name	Division	College	Remarks
20	Krishnaji Govind Rao Hatmalikar	I	Osm. Univ. College	
8	Digamber Rao Chowdri	I	do	
16	Sayyid Muhammad Murtaza	I	do	
46	Muhammad Yamin Zubairi	I	do	(Ex-student)
5	Trimbak Rao Khursale	I	do	
33	Muhammad Abdul Ghaffar Chisthi	I	do	
32	Muhammad Abdur Rauf	I	do	
10	D. Kishen Rao	I	do	
39	Basrava Alur	I	do	(do)
40	Saiddiddin Khan	I	do	(do)
38	Narhar Rao Rinjalkan	II	do	
15	Syed Zameer Ali	II	do	
42	Kishen Rao Chowdry Desai	II	do	
2	Bapu Rao Desmukh	II	do	
29	Muhammad Zakaullah	II	do	
17	S. Shanker Rao	II	do	
1	Agha Jafar Husain	II	do	
18	Rai Niranjan Pershad	II	do	
31	Mirza Shakoor Beg	II	do	
37	Narsing Rao Desmukh	II	do	
30	Muhammad Shahbir Ali Khan	II	do	
36	Muhammad Naziruddin	II	do	
9	Dharam Rai	II	do	
18	Shanker Rao Sadavarte	II	do	
7	Hamid bin Shabbir	II	do	
12	Rai Hind Kishore Mathur	II	do	
11	Rai Bindiah Chand Mathur	II	do	
22	Guru Das	II	do	
19	Shanker Pershad	II	do	
25	Govind Rao	II	do	
6	J. Teerath Anand Pornaik	II	do	

Roll No.	Name	Division	College	Remarks
LL. B. (PREVIOUS) EXAMINATION 1341 F.A.S.I.—(1931)				
6	Pandit Rao Kulkarni	I	Osmanna University College	
14	Sayyid Ghais Mithuddin Ravvi	I		
4	Bhavan Rao	II	do	
2	Anna Rao	II	do	
8	Chakand Ramchander Rao	II	do	
5	B. N. Chobe	II	do	
9	Khwaja Moniruddin	II	do	
10	Ramchander Reddy	II	do	
15	Sayyid Mahmud Ali	II	do	
34	Muhammad Ba-sir Ahmad	II	do	
31	Guru Nath Rao Apranji	II	do	
1	Uttam Rao Maharolakar	II	do	
22	Mahuk Rao Pathkar	II	do	
32	Gokul Das	II	do	
28	Muhammad Mojs Ali	II	do	
33	Muhammad Badruddin Khan	II	do	
27	Muhammad Abdur Razzaq	II	do	
35	Muhammad Abdal Haqueed	II	do	
29	Mukund Rao	II	do	
24	Muhammad Habibullah Faruqi	II	do	
Ex-student. do				
LL. B. (PREVIOUS) EXAMINATION 1342 F.A.S.I.—(1933)				
3	Ismail Ahmad Mana	I	do	
15	Muhammad Rahmatullah	I	do	
5	Hlendala Ruan Chandee Rao	I	do	
17	Shanker Narayan Goite	I	do	

		Ex-student.
19	Muhammad Abbas ..	.. I
24	D. Manik Rao ..	.. I
18	Muhammad Sadruddin Ansari ..	.. I
14	Ragnath Rao Mahtajan ..	.. I
12	Dhonidhar Sangi ..	.. I
22	Muhammad Muslehuddin ..	.. I
7	Bhimrao Deshpande ..	.. II
32	Ghulam Hafiz Khan ..	.. II
25	Venkobarao Talioktar ..	.. II
2	Ahmed Abdul Qayyum Siddiqi ..	.. II
33	Muhammad Fazile Haq ..	.. II
29	Sayyid Nuruddin ..	.. II
37	K. Hammanthachari ..	.. II
31	Muhammad Abdul Hai ..	.. II
6	C. Agra Reddy ..	.. II
20	Feta Laxmiah ..	.. II
21	Laxmi Kant Rao ..	.. II
9	M. Bhimseen Rao ..	.. II
35	Muhammad Wahid-uz-Zaman ..	.. II
1	Muhammad Abdul Khair Muzharulhaq ..	.. II
36	K. Vidyayanand ..	.. II
8	Bhimsinhnachari Upadhyaya II

LL. B. (FINAL) EXAMINATION 1334 F.—1925.

Arranged in order of Merit.

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Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
1	Sayyid Muhammad Ahsan
13	Arab Ganpat Rao ..	..	..
16	Kalimuddin Ansari ..	..	..
19	Murtarji Rao ..	..	..
5	Ramchandar Rao Kartikar ..	..	..
9	Abdul Aziz Khan ..	..	..
20	Narhar Rao Wargantiwar ..	..	..
6	Mir Siadat Ali Khan ..	..	..
18	Latif Ahmad Faruqi ..	..	..
12	Abul Fakhr Muhammad Abdul Wahid ..	..	..
10	Muhammad Abdul Ahm ..	..	..
4	Mir Hasnuddin ..	..	..
2	Sayyid Anisuddin Ahmad ..	..	..
17	Muhammad Gauhar Ali ..	..	..
16	Qari Sayyid Kalimullah Husaini ..	..	..
3	Mir Jafar Ali Sadig ..	..	..
7	Muhammad Sharifuddin ..	..	..
8	Ahmad Abdul Bashir Khan Arab ..	..	..
11	Abdul Majid Siddiqi ..	..	..
22	Hidayat Ahmad ..	..	..
21	Muhammad Waliullah ..	..	..
23	Hannan Narayan Patankar ..	..	..

L.I. B. (FINAL) EXAMINATION 1935 F.—1926.
Arranged in order of Merit

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.—			
30	Vasdev Prashad	I	
14	Renukadas Rao	I	
7	Khwaja Burhanuddin	I	
28	Qazi Muinuddin Hussain	I	
29	C. P. Nagrath	I	
25	Sayyid Qalandar Hussain	I	
22	Sayyid Abdul Alim	I	
19	Shesh Rao Kamtilkar	I	
32	Muhammad Abdul Hasan	I	
15	V. Rajeshwar Rao	I	
26	Krishna Rao Deshmukh	I	
12	Dattatraya Rao	I	
6	Budh Singh Yadav	I	
10	Muhammad Hussain Siddiqi	I	
33	Qurban Ahmad	I	
1	Sayyid Muhammad Ahsan	I	
2	Muhammad Ilyas Khan Kheshgi	I	
3	Sayyid Ahmad Ali	I	
9	Muhammad Jehangir Ali Siddiqi	I	
20	Mir Siddiq Ali	I	
24	Abdul Munim Saidi	I	
4	Sayyid Aminuddin	I	
16	Sayyid Sibt-e-Nabi	I	
27	Sahilzada Khwaja Mir Muhammad Ali Khan	I	
18	Sayyid Shah Ali Sani Nahvi	I	
31	Muhammad Vazir Ali	I	
11	Khwaja Muhiuddin	I	
17	Saif bin Sultan Hussain Qutbi	I	
32	Muhammad Abdul Muiz	I	
5	T. Anantha Reddi	I	

II. B. (FINAL) EXAMINATION, 1936 F.—1927

Arranged in order of Merit

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
7 Sayyid Ziaul Arifin Razvi	:	:	I
11 Muhammad Abdur Rauf	:	:	I
4 Benkat Pershad	:	:	I
3 Inder Karan	:	:	I
12 Muhammad Abdul Qadir Sarvari	:	:	I
6 Bhikaji	:	:	I
10 Manik Rao	:	:	I
13 Mr Wari Ali	:	:	I
6 Parbhakar Damodar Shendarkar	:	:	I
15 Raza Mohammad Khan	:	:	I
8 Sayyid Yusuf	:	:	I
2 R. Raj Pershad	:	:	I
1 Abu Khairat Muhammad Kamaluddin	:	:	I
14 Pasmanla Narsivan Rao Sharma	:	:	I
16 Sayyid Abdul Jabbar	:	:	I
9 Krishnachari Joshi	:	:	I
		do	
		do	

LI. B. (FINAL) EXAMINATION 1887 F.—1928.

Roll No.	Name	Class	Remarks
OSMANIA UNIVERSITY COLLEGE.			
20	Omar Daraz Khan ..	..	..
34	Yem Kunti Ratnakar Rao	..	..
6	Suraj Chand ..	..	..
26	Muhammad Ahmad Ansari	..	..
29	Muhammad Abdul Aziz	..	..
22	Ghulam Moinuddin Ghazi	..	..
1	Imtiaz Hosain ..	..	..
14	Sayyid Mahmud Ahmad	..	..
35	L. Jairam Pershad ..	..	..
4	Jiwan Rao Babalgonkar	..	..
12	Sayyid Muhammad Husaini	..	..
10	Sayyid Ghias Moliuddin	..	..
2.	Pervaili Anant Ramaiyah	..	..
8	Jadubans Pershad ..	..	..
30	Muhammad Abdul Ali	..	..
16	Sayyid Mahdi Husain	..	..
28	Muhammad Hussain Khan	..	..
23	Kirat Chand ..	..	..
25	Madholhari Marhikar	..	..
17	Shaikh Tajammul Husain	..	..
21	Ghulam Dastagir ..	..	..
31	Sayyid Mukhtar Ali Khan	..	..
7	Sayyid Ahmad ..	..	..
24	Govind Rao Deshpande ..	..	..
18	Sayyid Muhd. Obaidullah Kazimi	..	..
5	Khawja Muhammad Abdul Baqi	..	..
33	Mir Kazim Ali ..	..	..

Roll No.	Name	Class	Remarks
LL. B. (FINAL) EXAMINATION 1337 F.—1928.			
27	Muhammad Badshah Khan	:	
32	Mir Zahir Ali Khan	:	II
16	Sayyid Viqar Ahmad	:	II
18	Azizuddin Ahmad Siddiqi	:	II
9	Sayyid Rafiuddin	:	II
8	Sayyid Ahmad Ali	:	II
LL. B. (FINAL) EXAMINATION 1338 F.—1929.			
<i>Arranged in order of Merit.</i>			
OSMANIA UNIVERSITY COLLEGE.			
2	Ashuth Rao Balkundi	:	I
5	Trumbak Rao Maharulakar	:	I
12	Ghulam Md. Hafiz Nasir-ud-din	Ahmad Ansari	I
20	Md. Munim Khan	:	I
22	Narayan Rao	:	I
23	Hannanth Rao Vishnu	:	I
13	Md. Jalaluddin	:	I
24	H. Ram Lal	:	I
1	Ahmad Abdul Majid	:	I
8	Sayyid Saadat Ali	:	I
14	Md. Jamaluddin	:	I
3	Bhagwan Rao Chapergaonkar	:	I
6	Khawaja Muhammad Ahmad	:	I
4	Bhumachari Kunhalkar	:	I
10	Sayyid Abdul Manan	:	I

18	Md. Abdul Qadir Qureshi	:	:	:	:	II
19	Md. Maqbul Hussain	:	:	:	:	II
25	M. Sesha Reddy	:	:	:	:	II
27	Ali Muhammad Khan	:	:	:	:	II
21	Madan Mohan Lal	:	:	:	:	II
26	Sayyid Muhammad Hasan Razyi	:	:	:	:	II
16	Muhammad Sakhawat Mirza	..	..	..	..	II
9	Sayyid Abdur Rab..	..	..	..	..	II

I.I. B. (FINAL) EXAMINATION 1889 F.—1930.

28	Wahidullah Khan	:	:	:	I	
2	Ahmad Abdulla-al-Masdusi	:	:	:	I	
10	G. N. Harvalkar	:	:	:	I	
22	Ghaus Muhammad Khan	:	:	:	I	
11	Chandar Mohan Lal	:	:	:	I	
18	Muhammad Abdur Rab	:	:	:	I	
13	Devi Parshad Misra..	:	:	:	I	
9	J. B. Joshi	:	:	:	I	
27	D. Narshiran Rao	:	:	:	I	
19	Muhammad Abdul Ghafur	:	:	:	I	
12	Muhammad Hamidullah	:	:	:	I	
21	Ghulam Muhammad	:	:	:	I	
1	Mir Ahmad Hussain	:	:	:	I	
6	Bashir Ahmad Tahir	:	:	:	I	
5	Mirza Iqbal Ahmad Beg	:	:	:	I	
30	Raghunath Bhushani	:	:	:	I	
29	Hannanta Chari	:	:	:	I	
8	Mir Tilawat Ali Zaidi	:	:	:	I	

Ex-Student.

Roll	Name	Division	College	Remarks
II. B. FINAL EXAMINATION 1339 F.—1930.				
25	Muhammad Sahn ..	..	II	
4	Mir Asad Ali Shah ..	..	II	
31	Muhammad Abdus Salam ..	..	II	
23	Govind Rao Nagapankar ..	..	II	
17	Mir Zahuruddin ..	..	II	
26	Muhammad Ghans ..	..	II	
II. B. FINAL EXAMINATION 1340 F.—1931.				
1	Srinayas Rao Goderkai ..	..	I	
9	Muhammad Mir Khan ..	..	I	
	Goral Rao ..	..	do	
5	Malikarjan Apatdkai ..	..	do	
7	Qazi Faishuddin Ahmad Siddiqi ..	..	do	
2	Gangadhar Rao Patki ..	..	do	
3	Narchar Rao Bakeshi ..	..	do	
10	Shaikh Chand ..	..	do	
13	Bhimrao Deshpandya ..	..	do	
11	Gopalrao Gonde Rao Nagesh ..	..	II	
4				Ex-student do

LL. B. FINAL EXAMINATION 1341 FASL I.—1982.

Roll No.	Name	Division	College	Remarks
13	Sayyid Zamir Ali	..	I	Osmania University College
29	Narsing Rao Desmukh	..	I	do
18	Krishnaji Hatnalkar	..	II	do
24	Muhammad Zakauallah	..	II	do
26	Muhd. Abdul Ghaffar Chishti	..	I	do
32	N. Kamriah	..	II	do
2	Bapu Rao Desmukh	..	II	do
1	Agha Jafar Husain	..	II	do
15	Shankar Pershad	..	II	do
28	Muhammad Yamin Zubairi	..	II	do
31	S. Shanker Rao	..	II	do
35	Gopal Rao Morumkar	..	II	do
4	Trimbak Rao Kharsale	..	II	do
30	Narhar Rao Ranjikar	..	II	do
33	Sayyid Zafar Husain	..	II	do
6	Hamid bin Shabbir	..	II	do
20	Keshan Rao Desmukh	..	II	do
37	Mir Ahmad Ali Khan	..	II	do

Ex-student

II. B. FINAL EXAMINATION 1942 F — 1943.

Roll No.	Name	Division	College	Remarks
13	Sayyid Ghans Mubuddin Razi	I	Omania University College	
18	Sayyid Mahmud Ali	I	do	
18	Bhavan Rao	II	do	
3	Anna Rao	II	do	
2	Chakunta Ramchandar Rao	II	do	
7	Mirza Shakur Beg	II	do	
34	Kliraja Momuddin	II	do	
10	Pandit Rao Kulkarni	II	do	
6	Gokul Das	II	do	
15	Qazi Muhammad Abdur Rauf	II	do	
30	Manik Rao Parlikar	II	do	
17	Basvappa Alin	II	do	
20	Sayyid Muhammad Murtaza	II	do	
27	Goyind Rao	II	do	
32	B. N. Chole	II	do	
8	Uttam Rao Mahalolkar	II	do	
1	Muhammad Habibullah Faruqi	II	do	
9	Shankar Rao Sadavarie	II	do	
29	Muhammad Shabbir Ali Khan	II	do	
28	Muhammad Abdul Hameed	II	do	
31	Guru Das	II	do	
33	Kishen Rao Desai Chowdari	II	do	
35	Marpatti Ramchander Rao	II	do	
				Ex-student
				Ex-student

FACULTY OF MEDICINE

Roll No.	Name	Division	College	Remarks
M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION 1340 F.—1931.				
11	Mir Mustafa Ali Zaidi	..	I	
9	Muhd. Ghans	..	I	
7	Muhd. Abdur Rab	..	I	
6	Muhd. Husain	..	II	
4	Aff Ahmad Quraishi	..	II	
13	Rai Bahadur	..	II	
1	Ahmad Abdul Alim	..	II	
13	N. Girachariya	..	II	
M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION 1341 F.—1932.				
4	Muhd. Hasnuddin Khan	..	I	
10	Mir Akbar Ali	..	I	
1	Abu Muhd. Ghayasuddin	..	II	
8	Muhd. Munirur Rahman	..	II	
14	Muhd. Nazir Muhiddin	..	II	
7	Muhd. Mashhuddin Ahmad	..	II	
				Ex-student

Roll No.	Name	Division	College	Remarks
M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION 1342 F.—1933.				
3	Sayyid Abdul Majeed ..	I	Osmania Medical College	
10	Khwaja Muhd. Shuaib ..	II	do	Ex-student
9	Yusufuddin Ansari ..	II	do	
19	Mirza Hamidullah Beg ..	II		
12	Sital Singh ..	II		
8	Muhd. Mahmud Ali ..	II	do	do
11	Satnarayan ..	II	do	do
17	Muhd. Abdul Waheed Khan ..	II	do	
2	Sayyid Abdul Hamid Bokhari ..	II	do	

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1340 F.—1931.

Roll No.	Name	Division	College	Remarks
6	Ghulam Murtaza ..	II	Osmania Medical College	
5	Sayyid Abdus Samad ..	II	do	
2	Ahmad Husain ..	II	do	
1	Abu Tahir Muhd. Abdul Qadir ..	II	do	

Roll No.	Name	Division	College	Remarks
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M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1341 F.—1932.

Roll No.	Name	Division	College	Remarks
3	Muhd. Husain ..	II	Osmania Medical College	
6	Muhd. Ghans ..	II	do	
7	Mir Mustafa Ali Zaidi ..	II	do	
1	Ahmad Abdul Alim ..	II	do	
4	Muhd. Abdur Rab ..	II	do	
8	N. Guracharya ..	II	do	

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1342 F.—1933.

Roll No.	Name	Division	College	Remarks
7	Mir Akbar Ali ..	I	Osmania Medical College	
3	Fai Bahadur ..	I	do	
10	Aiff Ahmad Quraishi ..	II	do	Ex-student
1	Abu Muhd. Ghayasuddin ..	II	do	
8	E. Srinivas Reddi ..	II	do	do
9	Sayyid Rashiduddin Husain ..	II	do	do
2	Muhd. Hasnuddin Khan ..	II	do	
4	Muhd. Masihuddin Ahmad ..	II	do	
6	Muhd. Munirur Rahman ..	II	do	
5	Nazir Muhiuddin ..	II	do	

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APPENDICES
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Roll No.	Name	Division	College	Remarks
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1340 F.—1931.				
9	Sayyid Nizamuddin Ahmad	..	II	Osmama Medical College
13	Muhs. Ibrahim Ali Khan	..	II	do
14	Muhs. Munawwar Ali	..	II	do
15	S. Vasudev	..	II	do
10	Shankar Rao Jadhav	..	II	do
2	Abul Muani Ghulam Nabi	..	II	do
11	Ghulam Ahmad	..	II	do
16	N. Q. H. Siddiqi	..	II	do
12	Kanwal Chander	..	II	do
7	Sayyid Arifullah Qadri	..	II	do
4	Hakim Muhs. Abdur Rahman	..	II	do
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1341 F.—1932				
1	Ahmad Husain	..	II	Osmama Medical College
4	Abul Kalam Muhs. Badruddin	..	II	Ex-student
6	D. Tulsia Das	..	II	do
8	Sayyid Ali	..	II	do
5	Ahmad Abdul Waheed Khan	..	II	do
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1342 F.—1933				
3	Mir Mustafa Ali Zaidi	..	I	Osmama Medical College
4	Muhs. Abdur Rab	..	II	do
8	Ghulam Murtaza	..	II	do
5	Muhs. Ghans	..	II	do
2	Muhs. Husain	..	II	do
				•

7	Sayyid Abdus Samad	:	:		II	do	do
9	Khurshid Ali	:	:		II	do	do
6	N. Goracharya	..	..		II	do	do

M. B. B. S. (FOURTH PROFESSIONAL OR FINAL) EXAMINATION 1341 F.—1932.

10	Muhd. Munawwar Ali	:	:	II	Osmania Medical College		
6	Shanker Rao Jadhav	..	..	II	do		
11	S. Vasudev	..	..	II	do		
4	Sayyid Arifullah Qadri	..	..	II	do		
5	Sayyid Nizamuddin Ahmad	..	..	II	do		
3	Hakim Muhd. Abdul Rahman	..	..	II	do		
7	Ghulam Ahmad	..	..	II	do		

M. B. B. S. (FOURTH PROFESSIONAL OR FINAL) EXAMINATION 1342 F.—1933.

2	Ahmad Husain	..	..	II	Osmania Medical College		
5	Sayyid Ali	..	..	II	do		
6	Abul Muani Ghulam Nabi	..	..	Completed	do		
7	Kanval Chander	..	..	do	do		
8	Muhd. Ibrahim Ali Khan	..	..	do	do		

FACULTY OF ENGINEERING.

Roll No.	Name	Class	College
B. E. PART I. EXAMINATION 1340 F.—1931			
1	R. K. Venkat Narsimham ..	II	Osmania Engineering College
4	Safdar Ali Sharif ..	II	do
5	Muhd. Ahmadullah Siddiqi ..	II	do
6	Muhd. Abdul Basit ..	II	do
7	Muhd. Abdul Wahab ..	II	do
8	Muhd. Osman ..	II	do
10	K. Rama Swami ..	II	do
11	Vidyasagar Nehra ..	II	do
B. E. PART I. EXAMINATION 1341—1932			
1	R. Dwarka Pershad ..	II	Osmania Engineering College
2	M. Khurshid Ali ..	II	do
3	P. R. Reddy ..	II	do
5	Chandu Lal ..	II	do
7	Sayyid Kazim Husain Razvi ..	II	do
9	Muhd. Abdus Samad Khan ..	II	do
16	Sayyid Yusuf Husain ..	II	do
17	Ghulam Jilani ..	Completed	do
B. E. PART I. EXAMINATION 1342 F.—1933			
3	Khwaja Muhd. Wasay ..	II	Osmania Engineering College
12	Muhd. Mohsinudin Haqqani ..	II	do
13	Muhd. Yaqub Ali ..	II	do
16	Muhd. Abdul Waheed Khan ..	II	do
20	Venogopal ..	II	do
21	T. N. Pillay ..	Completed	do

B. E. PART II OR FINAL EXAMINATION 1341 F.—1932. .

Roll No.	Name	Class	College
3	K. Ramswami ..	II	Osmania Engineering College
4	Muhd. Ahmadullah Siddiqi ..	II	do
6	Muhd. Abdul Basit ..	II	do
7	Muhd. Abdul Wahab ..	II	do
8	Muhd. Osman ..	II	do
9	Vidyasagar Nahra ..	II	do

B. E. PART II OR FINAL EXAMINATION 1342 F.—1933.

1	Chandu Lal ..	II	Osmania Engineering College
2	Khurshid Ali ..	II	do
3	T. N. Pillay ..	II	do
4	R. Dwarka Pershad ..	II	do
5	P. R. Reddy ..	II	do
6	Muhd. Abdus Samad Khan ..	II	do
7	Sayyid Kazim Husain Razvi ..	II	do
10	Safdar Ali Sharif ..	II	do
11	R. K. Venkat Narsimham ..	II	do

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APPENDICES

Remarks

**Ex-student
do**

**Ex-student
do**

APPENDICES

Remarks

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FACULTY OF EDUCATION.

B. T. EXAMINATION 1339 F.—1930.

32*

Roll No.	Name			Class
1	Muhammad Muhiuddin Quraishi	III
2	Muhammad Murtaza Husain	..	..	III
3	Mirza Ibrahim Ali Beg	..	..	III
4	Sayyid Tajammul Husain	..	..	II
5	Hoshkar Khan	..	..	III
6	P. Krishna Reddi	..	..	III
7	Maslehuddin Faruqi	..	..	III

B. T. EXAMINATION 1340 F.—1931

1	Ghulam Dastgir Faruqi	..	..	..	III
3	Sayyid Hamiduddin	..	..	..	III
4	Pakhruddin Ahmad..	..	..	..	II
5	Muhd. Yaqub Khan	..	..	..	II
6	Sayyid Husain Zaidi	..	..	..	III
8	Muhd. Ibrahim	..	..	..	III
9	Mazharul Islam	..	..	..	II

DIPLOMA IN EDUCATION EXAMINATION 1341 F.—

* Osmania Training College.

Roll No.	Name	RANK	
		Theory	Practice
1	Abul Makarim Faiz Muhd. Siddiqi	I	I
2	Muhd. Iqazullah Khan	II	II
3	Sayyid Wahid Ali Jafari	II	II
4	Muhd. Badruddin Hasan Siddiqi	II	I
5	Abdul Wahab	III	Passed
6	Ali bin Ghalib	II	II
7	Sahibzada Mir Ahmad Ali Khan	III	II
8	Sayeeduddin Khan	II	Passed
9	Mirza Osman Ali Beg	II	II
11	Narayan Singh	III	II
12	S. Srinivas Chari ..	III	II
13	Ghulam Sarvar Khan	III	Passed
14	Keshav Vaman Indorekar	III	do

	Remarks
	Osmania Training College
	do
	Osmania Training College
	do

1932

	Remarks
	Distinction in Science.
	Ex. student.
	Ex-student.
	do

DIPLOMA IN EDUCATION EXAMINATION 1342 H.—1933

Osmania Training College.

Roll No.	Name	RANK		Remarks
		Theory	Practice	
1	Sayyid Jafar Ali ..	..	..	Distinction in Science.
2	Hajit Ahmad Faruwqi ..	..	..	..
3	Habib Khan Sandozai ..	..	..	..
4	B. Ramaiya ..	..	..	..
5	Sayyid Muhd. Saleh Hashimi ..	..	..	..
6	Muhd. Arif Husain ..	..	..	Passed
7	Muhd. Abdur Rahim Khan ..	..	..	I
8	Muhd. Abdur Rahim Khan Golcondavi ..	..	..	II
9	Muhd. Abdul Halim Korgavi ..	..	..	II
10	Sayyid Muhd. Hasan Askari ..	..	..	Passed
11	Mir Habib Ali ..	..	..	I
12	Babu Singh ..	..	..	II
13	Muhd. Abdus Subhan Subhani ..	..	..	..
14	Muhd. Sayeed ..	..	..	..

V. HONORARY DEGREES.

SULTAN-UL-ULUM.

Azur 1333 F.—Oct. 1923 .. His Exalted Highness the Nizam.

LL. D.

Aban 1334 F.—Sept. 1925 .. Nawab Imadul Mulk Bahadur, Sayyid Husain Bilgrami, c.s.i.

Dai 1336 F.—Dec. 1926 .. Nawab Sir Ahmad Husain Amin Jung Bahadur, K.C.I.E., C.S.I., M.A., B.L.

Dai 1337 F.—Dec. 1927 .. Nawab Hydar Nawaz Jung Bahadur, (Sir Akbar Hydari)

Dai 1338 F.— 1928 .. Nawab Masood Jung Bahadur B.A. I.E.S. Bar.-at-Law.

VI.—FELLOWS WHO HAVE DELIVERED ADDRESS AT THE UNIVERSITY CONVOCATION.

Name	Date
Nawab Wali-ud-Daulah Bahadur	.. 28th September 1925.
Nawab Sadar Yar Jung Bahadur	.. 4th December 1926.
Maharaja Sir Kishan Pershad Yamin-us-Saltanat .. ..	.. 1st December 1927.
Nawab Sir Amin Jung Bahadur, M.A., B.L., LL.D., K.C.S.I., C.S.I.	.. 23rd March 1929.
Nawab Sir Nizamat Jung Bahadur, M.A., B.L., (Oxon). ..	.. 30th January 1930.
Nawab Mirza Yar Jung Bahadur, B.A., LL.B. .. ..	.. 6th August 1931.
Nawab Sir Hydar Nawaz Jung Bahadur, B.A., LL.D. ..	.. 9th March 1933.
Nawab Mahdi Yar Jung Bahadur, M.A. (Oxon.) .. ..	.. 8th February 1934.

VII. FORMS.

(i) FORMS OF APPLICATION FOR REGISTRATION

(1) MATRICULATION EXAMINATION
FORM (A) for new candidates.

FORM (B) For private candidates and teachers.

Name .....	..	..	..	..	..	..	..	Urdu	English
Date of birth and age at the time of submitting the application .....	..	..	..	..	..	..	..	Urdu	English
Father's name and occupation .....	..	..	..	..	..	..	..	Urdu	English
Race and Religion .....	..	..	..	..	..	..	..	..	..
Address .....	..	..	..	..	..	..	..	..	..
School in which the candidate is employed .....	..	..	..	..	..	..	..	..	..
School in which the candidate was educated and the period of study .....	..	..	..	..	..	..	..	..	..
Group in which the candidate passed with roll number and date of Examination .....	..	..	..	..	..	..	..	..	..
Where to be examined .....	..	..	..	..	..	..	..	..	..
Year or years, if any, in which the candidate has appeared for the Examination (Centre, and the Register No. of the respective year should be stated) .....	..	..	..	..	..	..	..	..	..

Date.....

Certificate from a recognised authority.

I certify that has prosecuted a satisfactory course of study for the examination and that he is sufficiently prepared to appear at the examination. He possesses a sufficient knowledge of Urdu to enable him to express himself in that language both in speech and writing with ease and with grammatical correctness.

I further certify that the date of his birth is and that his age on the 1st day of Shahiwar 134 F., will be

Signature of the Candidate.

Signature of a recognised authority.

(2) INTERMEDIATE EXAMINATION.
FORM (A) *For College candidates.*

Year or years, if any, in which the candidate has appealed for the examination (Centre. and the Register No. of the respective year should also be stated)

Dated.....

Signature of the candidate.

Certificate for College Candidates.

I hereby certify that is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts mentioned are correct.

Dated.....

Signature of the Principal.

Certificate for Ex-College candidates.

I hereby certify that was a student of this college during the year and has appeared at the Intermediate Examination of the year from this college. His character has been good and the facts mentioned in this application are correct. In view of his attainments he can hope to secure a pass in the next Intermediate Examination.

Dated.....

Signature of the Principal.

Form (B) For teachers and other private candidates.

Name	Urdu	English
Date of birth and age at the time of submitting the application ..		
Father's name and occupation	Urdu	English
Race and Religion		
Address		
Matriculation Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed ..		
Nature of employment and period of service		
Optional subjects and whether Theology or Morals will be taken .. ,		

Year or years, if any, in which the candidate has appeared for the examination (Centre and the Register No. of the respective year should also be stated)

Dated.....

Certificate.

I hereby certify that

- (i) is a Nazir or Inspector of schools of.....District in the service of the Educational Department of His Exalted Highness' Government
- or (ii) is a whole-time teacher in the School.....recognised by the Educational Department
- or (iii) is a Laboratory Assistant in the.....College
- or (iv) is a whole time Librarian in the Osmmania University College or in the Asafia Library and that by the date of this application he has rendered continuous and approved service foryears.....months.

His character is good and in view of his attainments he can hope to secure a pass in the Intermediate Examination.

Dated.....

Signature.....

Signature of the Candidate.

*Divisional Inspector of Schools, or Principal
of a College, or the Head of the Library.*

(3) B. A. EXAMINATION.
FORM (A) *For College candidates*

Year or years, if any, in which the candidate has appeared for the examination (Centre and the Register No. of the respective year should also be stated)

Dated.....

Signature of the Candidate.

Certificate for College Candidates.

I hereby certify that..... is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts mentioned are correct.

Dated.....

Signature of the Principal.

Certificate for Ex-College Candidates.

I hereby certify that..... was a student of this college during the year..... and had appeared at the B. A. Examination of the year..... from this college. His character has been good and the fact mentioned in this application are correct. In view of his attainments he can hope to secure a pass in the next B. A. Examination.

Dated.....

Signature of Principal.

Form (B) For teachers and other private candidates.

Name	Urdu .. English ..
Date of birth and age at the time of submitting the application ..	
Father's name and occupation	Urdu .. English ..
Race and Religion	
Address	
Intermediate Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed	
Nature of employment and period of service	
Subjects of Examination	

Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated)

Dated.....

Signature of the Candidate.

Certificate.

I hereby certify that.....

- (1) is a Nazir or Inspector of Schools of.....District in the service of the Educational Department of His Exalted Highness' Government
- or (2) is a whole-time teacher in the School.....recognised by the Educational Department
- or (3) is a Laboratory Assistant in the.....College
- or (4) is a whole-time Librarian of the Osmania University College or in the Asafia Library and that by the date of this application he has rendered continuous and approved services for.....years months.

His character is good and in view of his attainments he can hope to secure a pass in the B. A. Examination.

Dated.....

Signature.....

*Divisional Inspector of Schools or Principal
of a College, or the Head of the Library.*

M. A. EXAMINATION.

Name	..	..	..	..	..	..	Urdu
Date of birth and age at the time of submitting the application	..	..	..	..	..	..	English
Father's name and occupation	..	..	..	..	..	..	Urdu
Race and Religion	..	..	..	..	..	..	English
Address	..	..	..	..	..	..
B. A. Examination or its equivalent in which candidate has passed, date of passing and the class in which he was placed	..	..	..	..	..	..
College at which the candidate has studied and time of study	..	..	..	..	..	..
Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated)	..	..	..	..	..	..

Dated.....

*Signature of the Candidate.**Certificate.*

I hereby certify that is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. The other facts mentioned are correct.

Dated.....

Signature of the Principal.

M. Sc. (FINAL) EXAMINATION.

Name	..	..	..	..	..	..	Urdu English
Date of birth and age at the time of submitting the application							
Father's name and occupation	..	..	..	..	..	..	Urdu English
Race	..	..	..	..	..	..	Religion
Address	..	..	..	..	..	..
B. A. or B. Sc. Examination or its equivalent examination in which the candidate has passed, date of passing and the class in which he was placed .. .							Examination
Year or years, in which the candidate has appeared for the examination with Roll No. and Centre.							Date of passing
Dated.....							<i>Signature of the Candidate.</i>

Certificate.

I hereby certify that.....is a student of this college. His character has been satisfactory and he has prosecuted a regular course of study for the period prescribed under the Rules and the facts mentioned in the application are correct.

(5) LL. B. (PREVIOUS) EXAMINATION.

<u>* Name</u>	..	..	..	..	..	..	..	Urdu
								English
<u>Date of birth and age at the time of submitting the application</u> ..								
<u>Father's name and occupation</u>								
<u>Race and Religion</u>								
<u>Address</u>								
<u>B. A. Examination or its equivalent in which candidate has passed, date of passing and the class in which he was placed</u>								
<u>Colleges at which the candidate has studied and time of study</u>								
<u>Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated)</u>								

*Signature of the candidate.**Dated.....**Certificate.*

I hereby certify that is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. The other facts mentioned are correct.

*Signature of the Principal.**Dated.....*

LL. B. (FINAL) EXAMINATION.

Name	..	..	..	..	..	..	Urdu English
Date of birth and age at the time of submitting the application	..	..	..	..	..	..
Father's name and occupation	..	..	..	..	..	..	Urdu English
Race and Religion	..	..	..	..	..	..
Address	..	..	..	..	..	..
Date of passing the LL. B. Previous Examination and the class, in which the candidate was placed..	..	..	..	..	..	..
College at which the candidate has studied and time of study	..	..	..	..	..	..
Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated)	..	..	..	..	..	..

Dated.....

Signature of the Candidate.

Certificate.

I hereby certify that..... is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. The other facts mentioned are correct.

Dated.....

Signature of the Principal.

M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION.

Name .. .. .. ..	.. .. .. ..	Urdu English
Date of birth and age at the time of submitting the application ..	.. .. .. ..
Father's name and occupation .. .. .. ..	.. .. .. ..	Urdu English
Race and Religion .. .. .. ..	.. .. .. ..
Address .. .. .. ..	.. .. .. ..

Intermediate Examination or its equivalent, which the candidate has passed.
date of passing and the optional subjects taken

Year or years if any in which the candidate has appeared for the examination

Dated.....134 F.

Signature of the candidate.

Certificate.

I hereby certify that.....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated.....134 F.

Signature of the Principal. Medical College.

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION.

Name	Urdu ..	English ..
Date of birth and age at the time of submitting the application ..		
Father's name and occupation	Urdu ..	English ..
Race and Religion		
Address		
Whether the candidate has passed the First Professional Examination ..	Date of passing with Roll No.	Division
Year or years, if any in which the candidate has appeared for the examination		

Dated..... 134 F.

*Certificate.**Signature of the Candidate.*

I hereby certify that.....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period after passing the First Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated..... 134 F.

Signature of the Principal, Medical College.

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION.

Name	Urdu English.
Date of birth and age at the time of submitting the application	
Father's name and occupation	Urdu English.
Race and Religion	
Address	
Whether the candidate has passed the Second Professional Examination ..	Date of passing with Roll No.
Year or years if any in which the candidate has appeared for the examination	Division

Dated.....131 F.

*Signature of the Candidate.**Certificate.*

I hereby certify that.....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period after passing the Second Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated.....134 F.

Signature of the Principal, Medicinal College.

M. B. B. S. (FOURTH PROFESSIONAL) EXAMINATION.

Name	..	..	..	..	..	..	Urdu
Date of birth and age at the time of submitting the application	..	..	..	..	..	..	English
Father's name and occupation	..	..	..	..	..	..	Urdu
Race and Religion	..	..	..	..	..	..	English
Address	..	..	..	..	..	..
Whether the candidate has passed the Third Professional Examination	..	..	..	..	..	..	Division
Year or years if any in which the candidate has appeared for the examination							

Dated.....134 F.

*Signature of the Candidate.**Certificate.*

I hereby certify that.....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period.....after passing the Third Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated.....134 F.

Signature of the Principal, Medical College.

B. E. PART I.—EXAMINATION.

Name .. .	.. .	.. .	.. .	.. .	.. .	.. .	.. .	Urdu
								English
<u>Date of birth and age at the time of submitting the application</u> .. .								
Father's name and occupation .. .	.. .	.. .	.. .	.. .	.. .	.. .	.. .	Urdu
Race and Religion .. .	.. .	.. .	.. .	.. .	.. .	.. .	.. .	English
Address .. .	.. .	.. .	.. .	.. .	.. .	.. .	.. .
<u>Intermediate Examination or its equivalent, which the candidate has passed.</u> <u>date of passing and the optional subjects taken</u> .. .								
<u>Year or years if any in which the candidate has appeared for the examination</u>								

Dated..... 134 F

Signature of the Candidate.

Certificate.

I hereby certify that..... is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated..... 134 F.

Signature of the Secretary, Engineering College.

B. E. (PART II) EXAMINATION.

Name	..	..	..	..	..	..	..	Urdu
								English
Date of birth and age at the time of submitting the application	..	..	..	..	..	..	..
Father's name and occupation	..	..	..	..	..	..	..
Race and Religion	..	..	..	..	..	..	..
Address	..	..	..	..	..	..	..

Whether the candidate has passed the B. E. (Part I) Examination. date of passing and the optional subjects taken.

Year or years if any, in which the candidate has appeared for the Examination. .

Dated.....13th F.

Signature of the candidate.

Certificate.

I hereby certify that.....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during.....after passing his B. E. (Part I) Examination.

Dated.....13th F.

Signature of the Secretary, Engineering College.

(4) DIPLOMA IN EDUCATION EXAMINATION.

Name .. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	Urdu English
Date of birth and age at the time of submitting the application			
Father's name and occupation .. .. ..	.. .. ..	.. .. ..	Urdu English
Address			
Race and Religion			
B. A. Examination or its equivalent in which candidate has passed, date of passing the Examination ..		Examination with the name of University ..	Date of Passing
Subjects .. .. .. ..	.. .. .. ..	.. .. .. ..	Special
Year or years, if any in which the candidate has appeared for the Examination, with Roll. No. and Centre			
Signature of Candidate.....			
Date.....			

Certificate.

I hereby certify that.....is a student of this college. His character has been good and that the facts mentioned in the application are correct. He has prosecuted a regular course of study in the college the prescribed period and that he is fit for the Examination.

Dated.....

Principal, O. T. College

(D) DIPLOMA IN EDUCATION EXAMINATION.

This is to certify that.....has prosecuted a regular course of study for a period of.....academic years (From.....184.....F. to 184.....F.) after passing his.....Examination. He has attended.....lectures out of.....lectures delivered during the period.

He has completed the practical as well as the extra subject course (in which examination is not to be held).

Dated.....

Principal, O. T. College

(ii) FORMS OF ATTENDANCE CERTIFICATES.

INTERMEDIATE EXAMINATION.

Certificate of attendance of in the Osmania University College during the years

Subject	No. of lectures in the College	No. of lectures attended
English
Optionals
(a)
(b)
(c)
Theology or Morals

I certify that has attended and satisfactorily completed the course of studies in Physics.
Dated.....

I certify that has attended and satisfactorily completed the course of studies in Chemistry.
Dated.....

I certify that has attended and satisfactorily completed the course of studies in Biology.
Dated.....

I certify that's conduct and progress have been satisfactory and that he has completed the course of studies prescribed for the Intermediate Examination.

Principal.

•

Dated.....

B. A. Examination.

Certificate of attendance of.....in the Osmania University College during the year

Subject	No. of lectures in the college	No. of lectures attended
English
Optionals
Theology or Morals

I certify that.....has attended and satisfactorily completed the course of instruction in Physics.

Dated.....
Professor.

I certify that.....has attended and satisfactorily completed the course of instruction in Chemistry.

Dated.....
Professor.

I certify that.....'s conduct and progress have been satisfactory and that he has completed the course of studies prescribed for the B. A. Examination.

Dated.....
Principal.

M. A. EXAMINATION.

This is to certify that has prosecuted a regular course of study in the Osmania University College for academic years (with effect from 1st April 19..... to 31st March 19.....)

134 Fasli).

He has attended.....lectures out of.....lectures in.....(subject) given in the College during the said period.

L. loricariae

M. SC. EXAMINATION.

This is to certify that..... has prosecuted a regular course of study in the Osmania University College (with effect from..... 134..... to 134..... Fasli).

He has attended.....lectures out of.....lectures in.....(subject) given in the college during the said period.

Dated.....134 F.

Principal.

M. B. B. S. FIRST PROFESSIONAL EXAMINATION.

This is to certify that.....has prosecuted a regular course of study in Anatomy (including Embryology) of.....lectures extending over two long and short terms from 133 F. to 133 F. with demonstrations and dissections of the whole human body.

Dated.....

Professor of Anatomy.

This is to certify that.....has prosecuted a regular course of study in Physiology of..... lectures extending over two long and short terms from 133 F. to 133 F.

Dated.....

Professor of Physiology.

This is to certify that.....has attended in 133 F. a course in Practical Histology of..... meetings of two hours each extending over two short terms.

Dated.....

Professor of Practical Histology.

This is to certify that.....has attended.....meetings of two hours each in physiological Chemistry and.....meetings of two hours each in experimental physiology.

Dated.....

Professor.

Professor.

M. B. B. S.—SECOND PROFESSIONAL EXAMINATION.

This is to certify that..... has prosecuted a regular course of study in *Materia Medica* (including Therapeutics) of.....lectures extending over two long and short terms.

Dated.....

Professor of Materia Medica.

This to certify that.....has attended.....meetings of two hours each of Practical Pharmacy from 134 F. to 134 F.

Dated.....

Professor of Pharmacy.

This is to certify that.....has attended a course of study in Hygiene of.....lectures, (including Practical Demonstrations) and instruction in Vaccination extending over one long term in 134 F.

Dated.....

Professor of Hygiene.

,

M. B. B. S.—THIRD PROFESSIONAL EXAMINATION.

34

This is to certify that.....has attended a course of study in Pathology (including Bacteriology) of.....lectures extending over two long terms from 134 F. to 134 F.

Dated.....

Professor of Pathology.

This is to certify that.....has attended.....meeting of two hours each in

Practical Pathology from 134 F. to 134 F.

Dated.....

Professor of Practical Pathology.

This is to certify that.....has attended a course of study in Medical Jurisprudence of.....lectures extending over one long term from 134 F. to 134 F., and has attended.....meetings of *Post Mortem* Examinations.

Dated.....

Professor of Medical Jurisprudence.

B. E. EXAMINATION***Part I Examination.***

This is to certify that.....has prosecuted a regular course of study in the Engineering College during the year 134 F. to 134F, after passing the.....Examination, and out of.....lectures delivered at the College has attended.....lectures.

Dated.....

Secretary, Engineering College.

DIPLOMA IN EDUCATION EXAMINATION.

This is to certify that.....has prosecuted a regular course of study in the Osmania Training College after passing his B. A. Examination (with effect from.....134 to.....134.....lectures given on different subject in the College, which amounts to.....per cent.

Dated..... 134 Fasli.

Principal.

(f) LL. B. (PREVIOUS OR FINAL) EXAMINATION.

This to certify that.....has prosecuted a regular course of study in the Osmania University College for.....academic years (with effect from.....134 to.....134 Fasli). He has attended.....lectures out.....lectures given in the College during the said period.

Dated 19

Principal.

(iii) FORM OF APPLICATION FOR REGISTRATION OF GRADUATES

Name in full as entered in Diploma ..	..	..	..
Father's name ..	..	..	..
Degree or degrees taken ..	..	..	..	Year or years of Convocation at which the Degree or Degrees were taken.
Present occupation ..	..	..	..
Permanent postal address ..	..	..	..
Whether he elects to pay an annual fee or a composition fee ..				
	Signature.....			
	Dated.....193.....			

(IV) FORMS OF AGREEMENT AND SECURITY BONDS FOR UNIVERSITY LOAN FUND.

(1) *Form of Agreement.*

I.....^{s/o.....}.....residing in.....hereby agree that I would repay the loan of B.G. Rs.....that would be advanced to me by His Exalted Highness the Nizam's Government in various instalments as would be required by me for purposes of study in foreign countries, in monthly instalments which shall be one-fourth of my salary in.....years, with interest at the rate of 4½ per cent. per annum.

In the event of my failing to pay either the principal amount or the interest as stated above, I shall be held personally responsible for the amount that might remain due by me, to recover which I hereby authorise His Exalted Highness the Nizam's Government in the Osmania University to take action against me in accordance with the Public Demands Recovery Act No. 4 of 1308 Fasli. I further agree to remain in Government service till the repayment of the full amount of the loan or for 5 years (whichever period be less). In the event of my failing to abide by this condition, the Government would be entitled to recover the full amount with compound interest at 8 per cent. in lump sum.

In token of my above undertaking I sign this in the presence of two witnesses.

(2) *Security Bond.*

Whereas the Government Osmania University have agreed to advance to.....
son of.....a total loan of B.G.....in various installments. each of which will
be considered as a separate loan for the purpose of studies in foreign countries in accordance with the
“University Loan Fund” rules. I.....as his surety hereby agree that the said borrower
shall repay the loan in.....years by monthly instalment which shall be one-fourth of his salary with
interest at the rate of $4\frac{1}{2}$ per cent. per annum and in the event of the said borrower failing to repay the full
amount or any part of the loan with interest, I shall pay the same in full. In the event of my failing to pay
the said amount, the Government in the Osmania University would be entitled to recover it in accordance
with the Public Demands Recovery Act No. 4 of 1308 F. I further agree not to transfer or encumber in any
way my property of the value of.....consisting of.....of which I
am the sole owner till the repayment of the full amount of the loan.

